School of Biomedical Sciences 生物醫學學院

2016-2018 BIENNIAL REPORT 雙年報

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Director's Message

Achievements and Growth

I feel a sense of pride presenting you this biennial report, outlining our School's achievements in 2016–17 and 2017–18. The last 24 months have truly been a period of growth and progress for the School. So, first off, I would like to express my thanks for the full commitment shown by our faculty and every single staff member of the School. Together, we have had many notable achievements to be proud of.

Advancing Careers

In September 2016, we admitted the first cohort of students to our BSc in Biomedical Sciences Programme. At the same time, we established our Advisory Board on Students' Careers and Development. We did this in the belief that the future careers of our undergraduate and postgraduate students could be better served by obtaining professional views from leaders in industry, the public and private sectors. By partnering with these leaders in curriculum design and internship programmes, we could better prepare our students for the ever-changing needs and expectations of the market. To this end, we also organised a Career Information Day in early 2018.

Thematic Research Programs

Following rounds of consultation, the previous five Thematic Research Programs (TRPs) were successfully restructured in 2016–17 into three TRPs, namely, Cancer Biology and Experimental Therapeutics (CBET); Developmental and Regenerative Biology (DRB); and Neural, Vascular, and Metabolic Biology (NVMB). The restructuring brings together staff with similar interests to create a critical mass that is needed to carry out research projects of larger scale. It will help the School not only to capitalise on the successes made over the past years, but also to better respond to the fast-evolving research landscape. The reorganised TRPs will better facilitate the strategic research directions promoted by the Faculty of Medicine and the University.

Reaching Out

During the reporting years, we continued with our ongoing efforts to reach out for more academic collaborations outside Hong Kong. Apart from setting up joint research units (like the CUHK–University of Southampton Joint Laboratory for Stem Cell and Regenerative Medicine), our annual flagship events like the SBS Postgraduate Research Day 2016 also helped strengthen our academic connections with other institutions including the Kunming Institute of Zoology, the Chinese Academy of Sciences; Peking University; and National Tsing Hua University. The event served as an excellent platform for postgraduate students to share their achievements with their peers and other researchers.

Unfailing Support

It is a great and enduring pleasure for me personally to acknowledge the unfailing support of the senior management of the University and the Faculty of Medicine, as well as our many donors and friends.

I appreciate the tremendous work of all the members of the School during the past years. And I hope that looking back over the highlights covered in this biennial report will serve as a proud reminder of the many successes the School has achieved, and provide inspiration for the many more achievements which I am sure lie ahead.

Chan Wai-yee, PhD
Professor of Biomedical Sciences &
Director, School of Biomedical Sciences

August 2018

生物醫學學院院長題詞

成就與成長

此雙年報概述了本院在2016至2018年兩個年度的成就，能向各位獻上此雙年報，我深感榮幸。過去24個月確是學院得到長足進步的時期，因此，我首先要感謝學院全體教員和每一位員工的全情投入。我們同心協力，一起取得了許多驕人的成就。

事業發展

2016年9月，我們取錄了首批學生入讀本院的生物醫學理學士學位課程。同時，我們成立了學生職業及發展顧問諮詢委員會。我們深信，聽取業界及公私營界別領袖的專業意見，將使本院的本科生和研究生在未來有更理想的事業發展。藉著與這些領袖合作設計課程和舉辦實習計劃，我們可以讓學生更充分地裝備自己，以適應市場不斷變化的需求和期望。為此，我們還在2018年初籌辦了職業資訊日。

主題研究組

經過數輪磋商，先前的五個主題研究組在2016至17年度成功重組為三個，即「腫瘤生物學及實驗藥物治療學」、「發育及再生生物學」和「神經、血管、及代謝生物學」。是次重組把研究範疇相近的教職員聚集在一起，以提升進行大型研究項目所需的群聚效應。這不僅有助學院利用過去幾年的成功基礎，而且可以更適切地應對瞬息萬變的研究環境。重組的主題研究組將更有效地促進醫學院和中文大學推行的策略研究方向。

對外連繫

在報告年度中，我們努力不懈，持續拓展海外學術合作。除了設立聯合研究單位（如香港中文大學—南安普頓大學幹細胞及再生醫學聯合實驗室）外，本院一年一度的重點活動，如2016年生物醫學學院研究生日也有助我們加強與其他院校的學術聯繫，這些院校包括中國科學院昆明動物研究所、北京大學和國立清華大學。活動提供了一個絕佳的平台，讓研究生與其他院校的同學和研究員分享他們的研究成果。

無間斷的支持

有幸能得到中大和醫學院管理層，以及本院眾多捐款人和一眾好友無間斷的支持，我常感到欣喜萬分。

我再次感謝過往幾年學院全體成員辛勤工作，亦期望憑藉回顧這份雙年報中的重點，能讓我們為學院獲得的豐碩成果而自豪，並為未來取得更多成就而獲得啟發。

香港中文大學生物醫學學院院長及
生物醫學講座教授
陳偉儀教授

2018年8月

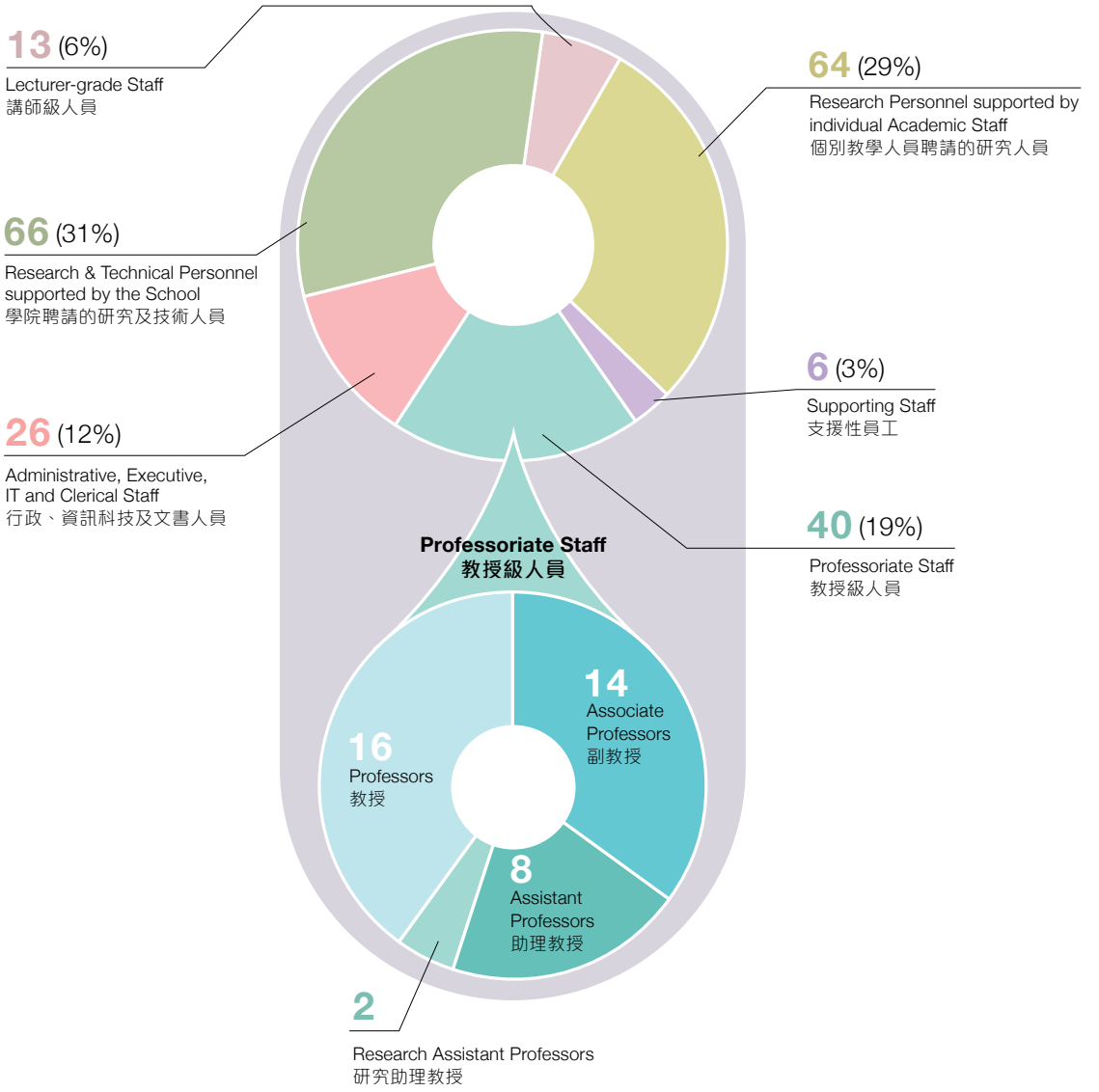
Overview
學院概況

Staff Establishment

As of June 2018, the School of Biomedical Sciences had a total of 215 staff members, distributed as follows:

教職員編制

截至2018年6月，本學院共有二百一十五名教職員，其分布如下：



The research interests and selected publication lists of our academic staff can be found at http://www2.sbs.cuhk.edu.hk/en-gb/people/academic-staff

有關本學院教師的研究領域及代表著作，詳列於學院網頁：
http://www2.sbs.cuhk.edu.hk/zh-tw/people/academic-staff

Retired Members

Two academic staff and two supporting staff retired from their positions during the reporting period. We would like to extend our heartfelt gratitude to the members for their invaluable contributions and staunch support to the School of Biomedical Sciences and the Faculty of Medicine over the years.

學院成員榮休

學院共有兩位學術成員和兩位支援成員於報告年度榮休。我們謹向榮休成員致以衷心的感謝，並對其過去多年來為生物醫學學院，以及醫學院所作出的貢獻與支持致萬分敬意。

- **Prof. Cho Chi-hin**
  Associate Director (Research)
  Professor and member of the Cancer Biology and Experimental Therapeutics Thematic Research Program
  (Joined CUHK in 2007)

- **曹之憲教授**
  副院長（研究事務）、教授及
  「腫瘤生物學及實驗藥物治療學」主題研究組成員
  (於2007年加入香港中文大學)

- **Prof. Chan Hsiao-chang**
  Professor and member of the Cancer Biology and Experimental Therapeutics Thematic Research Program
  (Joined CUHK in 1993)

- **陳小章教授**
  教授及「腫瘤生物學及實驗藥物治療學」主題研究組成員
  (於1993年加入香港中文大學)

- **Mr. Lee Chi-chow**
  Laboratory Attendant
  (Joined CUHK in 1993)

- **李志秋先生**
  實驗室校役
  (於1993年加入香港中文大學)

- **Ms. Lee Woo-ming**
  Workman I
  (Joined CUHK in 1981)

- **李煥明女士**
  一級工人
  (於1981年加入香港中文大學)

Highlights of the Years
年度大事掠影

Launch of the BSc in Biomedical Sciences Programme

The first cohort of 28 students was admitted to the new BSc in Biomedical Sciences Programme. They attended the initial Academic Counselling Session and the Introductory Programme where they were introduced to the first year courses, given essential information about the Programme, and got to know the lecturers and fellow students.

首屆生物醫學理學士課程

首屆課程共錄取28名新生。本院舉辦了選課輔導日講座和迎新營，助新生了解首年課程及修課注意事項，並讓師生互相認識。

2016 Aug

2016 5 Sep

Inauguration Ceremony for the new 2016–17 intake of Biomedical Sciences Students

The ceremony was co-organised by the BSc in Biomedical Sciences Programme Office and the SBS Postgraduate Student Association. The newly admitted postgraduate and undergraduate students were given an introduction to the School and academic staff during the introductory session.

學院2016–17年度新生開學禮

典禮由本院生物醫學理學士課程小組安排及研究生會協辦，當中設有介紹環節，向新入學的研究生和本科生簡介學院及各導師。

Signing the Memorandum of Understanding (MoU) for the establishment of the CUHK–University of Southampton Joint Laboratory for Stem Cell and Regenerative Medicine

The MoU was signed by the two parties with Prof. Joseph J. Y. Sung, the then Vice-Chancellor and President of CUHK and Prof. Sir Christopher Snowden, President and Vice-Chancellor of the UOS representing their respective institutions. The Joint Laboratory serves as a platform to strengthen the academic links between the institutions through research collaborations and student training in the areas of stem cell and regenerative medicine.

2016
13 Oct

簽署成立「香港中文大學—南安普頓大學幹細胞及再生醫學聯合實驗室」合作協議

由時任中大校長沈祖堯教授和南安普頓大學校長Sir Christopher Snowden教授代表簽署合作協議。此實驗室能提供平台，讓兩間大學藉著科研合作和學生培訓等項目，加強在幹細胞及再生醫學領域的學術協作。

2016
10–11 Nov

Cross-Strait Symposium on Biomedical Sciences cum SBS Postgraduate Research Day 2016

The Symposium aimed to offer a platform for academic exchange and sharing of achievements. There were over 200 participants at the event, of which 33 were teaching staff and students from the Kunming Institute of Zoology, the Chinese Academy of Sciences; National Tsing Hua University; and Peking University.

兩岸三地生命科學文化節暨2016年生物醫學學院研究生日

是次活動旨在促進學術交流與成果分享，參加人數逾200人，包括33位來自中國科學院昆明動物研究所、國立清華大學及北京大學的師生。

2016
5 Dec

1st Meeting of the Advisory Board on Students' Career and Development

Members of the Advisory Board exchanged their views on the calibre of interns and graduates that employers would expect. They also made suggestions on how the programme curricula might be improved to better respond to market needs. By obtaining insights from leaders in the public and private sectors, and by collaborating with them in internship programmes, our School hopes that our graduates will become more competitive in the job market.

學生職業及發展顧問諮詢委員會第一次會議

諮詢委員會成員就僱主對實習生和畢業生的要求表達看法，並建議了一些能迎合市場需要的課程內容。本院期望藉著聽取公私營界別領袖的意見和共同舉辦實習計劃，能提升學生在就業市場的競爭力。

2016
12 Dec

SBS Christmas Party 2016

The management team of the University joined a group of about 300 guests, teaching staff and students at the lunch event to celebrate the festive moment together.

學院2016年聖誕聯歡午宴

約300名嘉賓、教職員及學生歡聚，同享節日喜悅。大學管理層亦蒞臨參與午宴，使本院蓬蓽生輝。

Inauguration Ceremony of the 1st Executive Committee of the Society of Biomedical Sciences —Biomedoscope

生物醫學學院本科生會「救生醫」第一屆執行委員會就職典禮

2017
23 Feb

2017
1–2 Jun

SBS Research Day 2017

The popular annual event attracted a record number of more than 280 participants.

2017生物醫學學院研究日

逾280人參加此年度盛事，人數為歷年之冠。

2017
4 Sep

Inauguration Ceremony for the new intake of 2017–18 Biomedical Sciences Students

學院2017–18年度新生開學禮

2017
9–10 Nov

SBS Postgraduate Research Day 2017

Postgraduate students from the Guangzhou Institutes of Biomedicine and Health, the Chinese Academy of Sciences (CAS); the Kunming Institute of Zoology, CAS; and Jinan University took part in this annual event.

2017年生物醫學學院研究生日

本年度研究生日邀請到中國科學院廣州生物醫藥與健康研究院、中國科學院昆明動物研究所和暨南大學的研究生蒞臨參與。

The 2nd Visit of the 2nd Scientific Advisory Committee

The Committee, comprising of scholars from Europe and the USA, came to learn more about the development of our School. During their visit, they offered plenty of useful and pragmatic suggestions in the hope of taking our academic and teaching excellence to a higher level.

第二屆科學顧問委員會第二次到訪

由歐美各地學者組成的委員會到訪，了解本院發展，並向本院提供了不少務實而有用的建議，以助提升學術水平與教學質素。

2017
28 Nov–2 Dec

2017
1 Dec

Visit of the President of the Chinese Academy of Sciences

Prof. Bai Chunli, President of the Chinese Academy of Sciences (CAS) led a delegation from the CAS and the CAS Shenzhen Institute of Advanced Technology (SIAT) to CUHK. They had meetings with the senior management team of CUHK and visited the three CUHK–CAS joint research laboratories in the SBS.

中國科學院院長到訪

中國科學院（中科院）院長白春禮教授率領中科院及深圳先進技術研究院的代表訪問中大，與管理層會晤，並參觀設於本院的三個中大—中科院聯合實驗室。

2017
7 Dec

SBS Christmas Party 2017

More than 300 participants attended the party to celebrate the festive season. Guests included Prof. Rocky S. Tuan, the Vice-Chancellor and President-designate of the University, Senior Management members of the University, guests from industry, as well as the teaching staff and students of the School.

學院2017年聖誕聯歡午宴

本院邀請到中大候任校長段崇智教授、業界嘉賓及中大多位管理層成員蒞臨，與學院師生共慶佳節。出席者逾300人，場面熱鬧。

2018
12 Jan

The 8th Anniversary of the SBS cum Inauguration of the BSc in Biomedical Sciences Programme

The event was officiated by guests including Prof. Tsui Lap-chee, Founding President of The Academy of Sciences of Hong Kong; Prof. Rocky S. Tuan, Vice-Chancellor and President of CUHK; Prof. Francis K.L. Chan, Dean of the Faculty of Medicine, CUHK; and Prof. Chan Wai-yee, Director of the SBS.

學院八周年誌慶暨生物醫學理學士課程啟動禮

由港科院創院院長徐立之教授、中大校長段崇智教授、中大醫學院院長陳家亮教授和本院院長陳偉儀教授擔任主禮嘉賓。

2018
20 Jan

Career Information Day

As an extended celebration of the 8th anniversary of the SBS, guest speakers working in the field of biomedical sciences were invited to share their valuable experience and insights in the “Career Talks” session. Corporations were also invited to set up booths at the event to introduce industry trends and new developments, and to offer internship opportunities and career information. These activities were designed to help students to determine their appropriate career development and prospects.

職業資訊日

緊接八周年誌慶，學院邀請了多位從事生物科學相關工作的嘉賓在職業講座中分享經驗，並邀得企業擺放攤位，介紹行業發展趨勢，提供實習機會和招聘資訊。活動有助學生確立合適的事業發展方向。

Visit of the Visiting Committee

The Visiting Committee appointed by the Vice-Chancellor and President of CUHK visited our School to conduct a holistic review of all our activities and domains, spanning teaching and learning, research and scholarship, organisation (academic and administrative structures), and resource deployment, etc.

校外專家委員會到訪

由中大校長委任的校外專家委員會到訪，全面檢視本院各範疇的表現，包括教學、學術科研、學術與行政架構、資源調配等。

2018
19–22 Mar

Visit of the CUHK Vice-Chancellor's Global Alumni Advisory Board

Chaired by Prof. Rocky S. Tuan, the Vice-Chancellor and President of CUHK, the Advisory Board of distinguished alumni from different disciplines around the world visited the School and toured the research laboratories and offices.

中大環球校友諮詢委員會到訪

由中大校長段崇智教授擔任主席，並由全球不同界別的傑出校友組成的委員會訪問本院，參觀了實驗室和辦公室。

2018
15 Apr

2018
17 – 18 May

SBS Research Day 2018

The Research Day attracted more than 200 participants to hear the speakers including Prof. Toshikazu Ushijima from the National Cancer Center Research Institute, Japan; Prof. Gareth Sullivan from the University of Oslo, Norway; and Prof. Raymond C.C. Chang from the University of Hong Kong, Hong Kong. This event offered an excellent opportunity for School members to showcase their latest research findings and interact and connect with peers from different institutions.

2018生物醫學學院研究日

由日本國立癌症研究中心牛島俊和教授、挪威奧斯陸大學 Gareth Sullivan 教授和香港大學鄭傳忠教授擔任首席講者，吸引逾200人出席。活動讓本院教研人員展示研究成果，亦有助他們與不同院校的學者建立聯繫。

Research Excellence
卓越研究

Overview

The reorganisation of the Thematic Research Programs (TRPs) was completed in the reporting year. This enabled us to offer a better response to the fast-changing research landscape, and continue to enhance our research capacity and competitiveness. It also allowed our investigators to form greater synergies and undertake more multidisciplinary research in strategic areas of biomedical sciences as pursued by the Faculty of Medicine and the University.

The research laboratory space re-allocation exercise was started shortly after the restructuring of TRPs in August 2016. It was hoped that with the re-allocation of laboratory space, Principal Investigators (PIs) in similar research areas would be located closer, which would encourage greater collaboration and interdisciplinary research in the future.

概覽

主題研究組在報告年度內完成重組，使我們能更妥善應對瞬息萬變的研究環境，並持續增強研究能力和競爭力。這亦令本院研究員達到更大的協同效益，在生物醫學科學的戰略領域開展更多跨學科研究，朝著大學與醫學院所訂立的目標前進。

緊接在主題研究組重組後，實驗室在2016年8月開始重新編配空間。本院期望把研究領域相近的主研究員安排於較近的位置，以促進合作和跨學科研究。

Major Achievements in 2016–18

- The three TRPs continued to attract clinical investigators from the Faculty of Medicine, researchers from other institutions and medical practitioners to join us as Associate Members*. A total of 39 members joined in 2016–17 and 34 in 2017–18. (*See Appendix 1).
- The 'Frontiers in Biomedical Sciences Seminar Series' invited renowned local and international scholars to share their latest research findings, experiences and insights in biomedical sciences with our investigators and students. 11 seminars were held in 2016–17, and 12 in 2017–18.
- 19 seminars, workshops and symposia^ were organised within the School and with other institutions in 2016–17, and 22 in 2017–18 (^see Appendix 2)
- A regular PI Seminar was introduced on 27 May 2016 to help all PIs in the SBS to become more familiar with each other's research interests. It was hoped that more interaction might lead to closer collaboration.
- Under the merit-based Incentive Scheme introduced in 2012–13, PIs who performed well in obtaining external competitive grants or who published papers in high-impact journals received additional recognition.

2016–18年主要成就

- 三個主題研究組持續吸引醫學院的臨床研究員、其他院校的科研人員，以及醫務人員加入，成為聯繫成員*。在2016–17年度有39名新成員加入，2017–18年度則有34名。（*見附錄1）。
- 「生物醫學新領域研討會系列」邀請了本地和海外的知名學者向本院研究員和學生分享其於生物醫學方面的最新研究成果、經驗與見解。2016–17年度和2017–18年度分別舉行了11和12場研討會。
- 本院舉辦或與其他院校合辦了多場講座、工作坊及專題研討會^。2016–17年度共舉辦19場；2017–18年度共舉辦22場。（^見附錄二）
- 2016年5月27日推出定期的主研究員講座，以助生物醫學學院的主研究員了解彼此的研究範疇，期望更多的互動能帶來更緊密的合作。
- 在2012–13年度推出的績效為本獎勵計劃下，於申請校外競爭性研究資助或出版具影響力論文方面表現傑出的主研究員，可獲額外獎勵。

- In 2016–17, seven postdoctoral fellows were hired via the SBS Postdoctoral Fellow Matching Scheme and another eleven were supported by the Faculty Postdoctoral Fellowship Scheme. Three awards were granted to PIs with publications in journals with an impact factor (IF) of 10 or higher.

- In 2017–18, four postdoctoral fellows were hired under the SBS Incentive Scheme—Postdoctoral Fellow Matching Fund, while nine postdoctoral fellows were supported by the Faculty Postdoctoral Fellowship Scheme. Five awards were granted to PIs with publications in journals with an IF of 10 or higher.

- 在2016–17年度，七名博士後研究員通過學院的「博士後研究員配對計劃」獲得聘用，11名博士後研究員獲醫學院的「博士後研究員計劃」資助。本院頒發了三個獎項，表揚相關主研究員在影響指數相等或高於10的學術期刊出版論文。

- 在2017–18年度，四名博士後研究員通過學院的「博士後研究員配對計劃」獲得聘用，九名博士後研究員獲醫學院的「博士後研究員計劃」資助。本院頒發了五個獎項，表揚相關主研究員在影響指數相等或高於10的學術期刊出版論文。

Major Events in 2016–18

The CUHK Medicine 35th Anniversary Distinguished Lecture Series: Dr. Constantine Stratakis (11 October 2016), Prof. Natalia Prevarskaya (21 December 2016) and Prof. Chiu Jeng-Jiann (19 June 2017)

With support from the CUHK Medicine 35th Anniversary Distinguished Lecture Series, three speakers were invited to visit the School:

- Dr. Constantine Stratakis, Scientific Director of the Division of Intramural Research (DIR) at the National Institute of Child Health & Human Development (NICHD), National Institutes of Health (NIH), USA, gave a lecture on the 'Genetics of Adrenal Tumors: the cAMP Signaling Pathway' to School members.

- Prof. Natalia Prevarskaya, Professor at the University of Lille 1, France, and the Director of the Laboratory of Cellular Physiology at the French National Institute of Health and Medical Research (Inserm), France, delivered a lecture entitled 'Calcium and calcium channels in initiation and progression of prostate cancer'.

- Prof. Chiu Jeng-jiann, a Distinguished Investigator at the Institute of Cellular and System Medicine, National Health Research Institutes, and Joint-Appointment Professor at the Institute of Biomedical Engineering, National Tsing Hua University, presented a talk on the 'Roles of MicroRNAs in Neointimal Lesion Formation and Atherosclerosis' to School members.

The speakers were also invited to meet our PIs and postgraduate students in individual and group meetings to share their expertise and research experience.

2016–18年主要事項

香港中文大學醫學院三十五周年院慶——傑出學人講座系列：Constantine Stratakis博士（2016年10月11日）、Natalia Prevarskaya教授（2016年12月21日）和裘正健教授（2017年6月19日）

本院獲得香港中文大學醫學院三十五周年院慶——傑出學人講座系列的支持，很榮幸邀請到三位講者蒞臨：

- Constantine Stratakis博士是美國國立衛生研究院國立兒童健康及人類發展研究所研究部科學主管，當日講題為「Genetics of Adrenal Tumors: the cAMP Signaling Pathway」。

- Natalia Prevarskaya教授為法國里爾科技大學教授和法國國家衛生與醫學研究院細胞生理學實驗室主管，當日講題為「Calcium and Calcium Channels in Initiation and Progression of Prostate Cancer」。

- 裘正健教授是國家衛生研究院細胞及系統醫學研究所特聘研究員和國立清華大學生物醫學工程研究所合聘教授，當日講題為「Roles of MicroRNAs in Neointimal Lesion Formation and Atherosclerosis」。

各講者亦應邀與本院主研究員和研究生單獨會面或分組研討，分享其專業知識和研究經驗。

Dr. Constantine Stratakis (right) and Prof. Chan Wai-yee, Director of the SBS
Constantine Stratakis博士（右）與生物醫學學院院長陳偉儀教授

Prof. Natalia Prevarskaya
Natalia Prevarskaya教授

Prof. Chiu Jeng-jiann
裘正健教授

SBS Research Day 2017 & 2018

The annual SBS Research Day, the flagship event of the School year, is always an excellent opportunity for School members to showcase their latest research findings and to interact with thematic associate members from clinical departments and colleagues from other departments of CUHK, and guests from other local tertiary institutions.

We hope that academic links for scientific research can be continually strengthened, and foster more research collaboration among our faculty members and other stakeholders in biomedical research.

2017、2018年生物醫學學院研究日

一年一度的生物醫學學院研究日是每個學年的年度盛事，為學院成員提供了絕佳機會展示其最新研究成果，並與來自臨床部門的主題研究組聯繫成員、中大其他學系的同事，以及其他高等院校的來賓互動交流。

本院期望能持續增強科研的學術聯繫，並促進本院學術人員與生物醫學科研界各持分者展開更多研究合作。

SBS Research Day 2017 (1–2 June 2017)

The event was held at the Lo Kwee-Seong Integrated Biomedical Sciences Building (LIBSB), CUHK. It was officiated by Prof. Francis K.L. Chan, Dean of Medicine and Prof. Chan Wai-yee, Director of the SBS, and well attended by over 280 participants. This was a record attendance for the event since it was launched in June 2010. This year, a presentation session was also arranged for our postdoctoral fellows to share their research findings.

2017年生物醫學學院研究日（2017年6月1日至2日）

研究日在香港中文大學羅桂祥綜合生物醫學大樓舉行，由醫學院院長陳家亮教授和生物醫學學院院長陳偉儀教授主持開幕儀式。活動逾280人參與，創下自2010年6月舉辦以來，參加人數最高的紀錄。本年亦安排了一個報告環節，讓本院博士後研究員分享其研究成果。

SBS Research Day 2018 (17–18 May 2018)

Officiated by Prof. Rocky S. Tuan, Vice-Chancellor and President of CUHK, and Prof. Chan Wai-yee, Director of the SBS, the event attracted over 200 participants.

To promote scientific interaction outside of Hong Kong, we were honoured to have Prof. Toshikazu Ushijima from the National Cancer Center Research Institute, Japan; Prof. Gareth Sullivan from the University of Oslo, Norway; and Prof. Raymond C.C. Chang from the University of Hong Kong, as plenary speakers.

2018年生物醫學學院研究日（2018年5月17日至18日）

活動由中大校長段崇智教授和本院院長陳偉儀教授主持開幕儀式，吸引逾200人出席。

為增進與海外院校的科研互動，我們有幸邀請到日本國立癌症研究中心的牛島俊和教授、挪威奧斯陸大學的Gareth Sullivan 教授和香港大學的鄭傳忠教授擔任是次活動的首席講者。

Highlights on Major Joint Academic and Scientific Activities

Joint Biomedical Engineering & Biomedical Sciences Mini Symposium: Mechanobiology in Tissue Engineering & Regenerative Medicine (16 August 2016)

The event was jointly organised by the SBS and the Biomedical Engineering Programme, Faculty of Engineering and featured a number of invited experts in Biomedical Engineering. These included Prof. Robert M. Nerem from the Georgia Institute of Technology, USA; Prof. X. Edward Guo, Prof. Christopher R. Jacobs, Prof. Helen H. Lu and Prof. Lance C. Lam from Columbia University, USA. They shared their research experiences and latest findings, as well as the trends and insights on tissue engineering and regenerative medicine.

聯合學術及科學活動之重點回顧

生物醫學工程及生物醫學科學聯合研討會——「組織工程學及再生醫學的新興研究範疇：力學生物學」（2016年8月16日）

活動由本院與中大工程學院生物醫學工程課程聯合舉辦，邀請了許多生物醫學工程專家出席，包括美國喬治亞理工學院的Robert M. Nerem教授、美國哥倫比亞大學的X. Edward Guo教授、Christopher R. Jacobs教授、Helen H. Lu教授和Lance C. Lam教授。他們分享了研究經驗和最新發現，並講解組織工程與再生醫學的發展趨勢，提出獨到的見解。

Mini-conference and Workshops on Advancement in 3D Scaffold and μContact Fluidic Printings in Regenerative Medicine (12–14 December 2016)

The conference was organised at the SBS by the Ministry of Education (MoE) Key Laboratory for Regenerative Medicine (CUHK–Jinan University), and chaired by Prof. Kenneth K.H. Lee, Chief of the Developmental and Regenerative Biology Thematic Research Program, the SBS and Co-Director of the MoE Key Laboratory for Regenerative Medicine.

Five experts in regenerative medicine, 3D bio-printing and microfluidic systems were also invited to share their knowledge and experience. They included Prof. John Hunt, the University of Liverpool, UK; Dr. Steffen Howitz, GeSiM, Germany; Mr. Ashwini Rahul Akkineni, Dresden University of Technology, Germany; Dr. Frank Sonntag, Fraunhofer Institute for Material and Beam Technology, Germany; and Dr. John Casey, Lead Clinician for the National Islet Transplant Programme, UK.

Workshops in 3D Scaffold printing, Micro-Contact Printing and Lab-on-a-chip system were also held with more than 65 participants attending. This enabled our school members to learn more about the latest technologies in regenerative medicine research.

「再生醫學新領域：三維支架、微接觸打印與流體系統發展」會議及工作坊（2016年12月12日至14日）

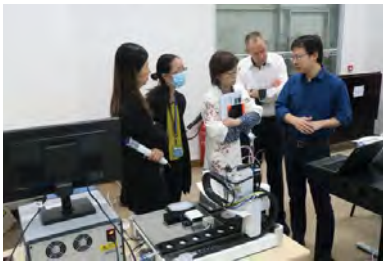
會議由再生醫學教育部重點實驗室（香港中文大學—暨南大學）於本院籌辦，由本院發育及再生生物學主題研究組主任暨再生醫學教育部重點實驗室聯席主任李嘉豪教授主持。

五位再生醫學、三維生物打印技術和微流控系統的專家獲邀出席，分享知識和經驗。出席的專家為英國利物浦大學John Hunt教授、德國矽微系統有限公司Steffen Howitz博士、德國德勒斯登工業大學Ashwini Rahul Akkineni先生、德國弗勞恩霍夫物料及束技術學院Frank Sonntag博士和英國國立胰島移植計劃首席臨床醫生John Casey醫生。

當日亦舉行了三維支架打印、微接觸印刷和「Lab-on-a-chip」系統的工作坊，逾65人參加，使本院成員能了解更多再生醫學研究的尖端技術。

The organising committee and speakers
籌辦委員會與眾講者

Prof. John Hunt
John Hunt 教授



Workshop moment
工作坊剪影

Visit of Scientists from a pharmaceutical company (9 May 2017)

The visit was coordinated by the Office of Research and Knowledge Transfer Services (ORKTS) at CUHK, who invited a group of four representatives from HEC Pharm Co. Ltd., a Guangdong-based pharmaceutical company.

Connecting with scientists in the private sector is always a good opportunity for our PIs to gain a better understanding of market trends and the demands of the related research areas, and the extent to which research outcomes impact upon the community.

製藥公司研發人員到訪生物醫學學院（2017年5月9日）

中大研究及知識轉移服務處協調安排是次訪問，邀請了四位來自廣東東陽光藥業有限公司的代表到訪。

與私營機構的科研人員交流會面，有助本院的主研究員更透徹了解自身科研範疇的市場發展趨勢和需求，以及研究結果可對社會帶來的影響。

Mini-conference and Workshop on Proteomics Research and Regenerative Medicine (27 May 2017)

This mini-conference and workshop was co-organised by the Ministry of Education (MoE) Key Laboratory for Regenerative Medicine (CUHK–Jinan University) (the Key Laboratory) with the support of the School, and the Hong Kong Proteomics Society.

This event started with a proteomics demonstration and workshop showing the overall workflow including sample preparation, data acquisition and statistical analysis, and the updated application of MALDI imaging for the study of proteomes.

Prof. Newman S.K. Sze, Director of the Proteomics Core of the Bioscience Research School of Biological Sciences, Nanyang Technological University, Singapore was invited to give a keynote presentation on 'Dissecting the Molecular Pathology of Cancer and Dementia: Proteomic Identification of Priority Drug Targets and Diagnostic Biomarkers in the Hypoxia Pathway'.

This was followed by presentations on proteomic studies by speakers from the State Key Laboratory of Environmental and Biological Analysis, and the Shenzhen Key Laboratory for Food and Biological Safety Control.

We hope that new technologies on proteomics can be further promoted, in order to accelerate the pace of new research ideas and further collaboration in regenerative medicine.

「蛋白質組學研究與再生醫學」會議及工作坊（2017年5月27日）

在本院的全力協助下，再生醫學教育部重點實驗室（香港中文大學—暨南大學）與香港蛋白質組學學會聯合舉辦是次會議和工作坊。

活動首先以示範和工作坊介紹蛋白質組學研究的基本程序，包括樣品製備、數據採集、統計分析等，並講解MALDI成像在蛋白質組學研究中的最新應用。

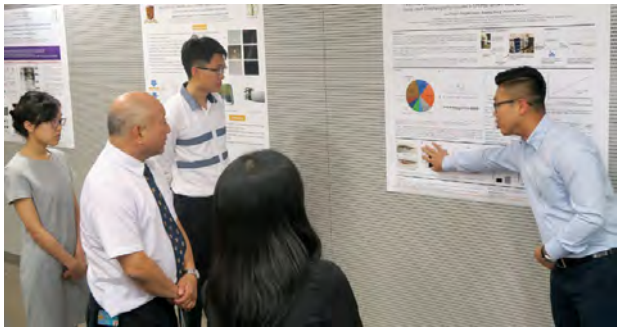
新加坡南洋理工大學生物科學學院生物科學研究中心（蛋白質組學）主任Newman S.K. Sze教授獲邀發表主題演講，講題為「Dissecting the Molecular Pathology of Cancer and Dementia: Proteomic Identification of Priority Drug Targets and Diagnostic Biomarkers in the Hypoxia Pathway」。

隨後，兩位分別來自環境與生物分析國家重點實驗室與深圳市級食品生物污染與控制重點實驗室的講者就蛋白質組學研究發表演說。

本學院期望蛋白質組學的新技術能進一步推廣，為再生醫學開拓更多新的研究方向和合作機會。

Prof. Kenneth K.H. Lee (front row, 3rd from left), Co-Director of the Key Laboratory and Theme Chief of Developmental and Regenerative Biology Thematic Research Program of the SBS; Prof. Samuel C.L. Lo, the President of Hong Kong Proteomics Society (front row, 4th from left), Prof. Newman Sze (front row, 2nd from left), and other speakers and participants
再生醫學教育部重點實驗室聯席主任、發育及再生生物學主題研究組主任李嘉豪教授（前排左三）、香港蛋白質組學學會主席盧俊立教授（前排左四）、Newman Sze教授（前排左二）、其他講者和與會人士

A workshop session
工作坊環節

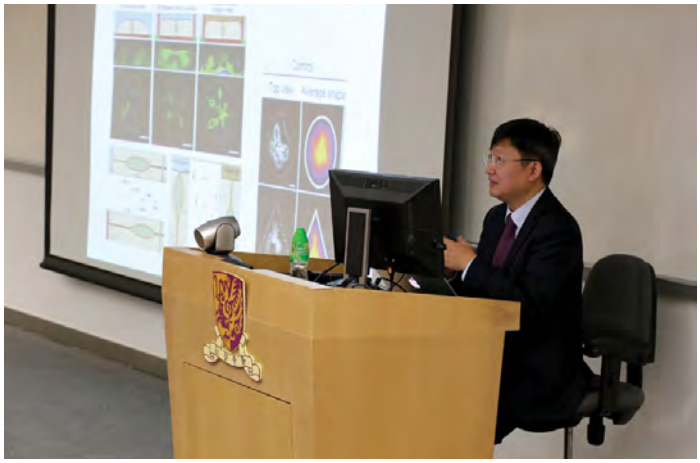


Poster presentation by postgraduate students
研究生牆報報告

Seminar on Liver Tissue Engineering and Regenerative Medicine (9 October 2017)

This seminar was jointly organised by the School and the Institute for Tissue Engineering and Regenerative Medicine (iTERM) of CUHK, and delivered by Prof. Hanry Yu of Physiology (Medicine) and Mechanobiology (MBI), National University of Singapore.

The seminar was well-attended by faculty members and students from different academic departments, including the School, iTERM, the Department of Orthopaedics and Traumatology as well as the Department of Biomedical Engineering.



Prof. Hanry Yu
余嚴軍教授

「肝臟組織工程與再生醫學」講座（2017年10月9日）

講座由本院與中大組織工程與再生醫學研究所合辦，邀請了新加坡國立大學生理學學系、機械生物學研究所的余嚴軍教授擔任主講嘉賓。

是次講座反應熱烈，來自本院、組織工程與再生醫學研究所、矯形外科及創傷學系和生物醫學工程學系等不同學術部門的成員和學生皆踴躍參與。

7th CUHK International Symposium on Stem Cell Biology and Regenerative Medicine (13 November 2017)

This symposium was held at the Prince of Wales Hospital and organised by the SBS; the Department of Orthopaedics and Traumatology, Faculty of Medicine, CUHK; the Sports Medicine and Regenerative Technology (SMART) Program, Lui Che Woo Institute of Innovative Medicine, Faculty of Medicine, CUHK; and the Ministry of Education Key Laboratory for Regenerative Medicine (CUHK–Jinan University).

Prof. Chan Wai-yee, Director of the SBS, served as a member in the organising committee for the Symposium, while Prof. Jiang Xiaohua and Prof. Wan Chao, Assistant Professor and Associate Professor of the SBS, together with other 22 speakers made insightful presentations on the biology of regenerative medicine, musculoskeletal regeneration and translational research.

第七屆幹細胞生物學及再生醫學國際研討會（2017年11月13日）

是次研討會由本院、中大醫學院矯型外科及創傷學系、中大醫學院呂志和創新醫學研究所轄下的運動醫學和再生科技計劃，以及再生醫學教育部重點實驗室（香港中文大學—暨南大學）合辦，假威爾斯親王醫院順利舉行。

本院院長陳偉儀教授擔任是次研討會的籌備委員會成員。本院助理教授蔣曉華教授、副教授萬超教授則聯同其他22位講者就生物學中的再生醫學、肌肉骨骼再生和轉化研究發表演說，分享見解。

Visit of the Scientific Advisory Committee (SAC) (28 November–2 December 2017)

Following their visit in January 2016, the SAC of the School paid its second visit to the School. The Committee comprised Dr. Vassilios Papadopoulos (Chairman), University of Southern California, USA; Dr. Bruce R. Conklin, University of California, USA; Dr. Peter C.K. Leung, University of British Columbia, Canada; Dr. Cynthia Casson Morton, Harvard Medical School, USA; and Dr. Michael Schumacher, University Paris-Sud, France.

They each had individual meetings with different groups of School members to learn about our latest progress in various domains since the SAC's previous visit. SAC members also met with Prof. Benjamin W.S. Wah, Provost of CUHK; Prof. Fanny M.C. Cheung, Pro-Vice-Chancellor/Vice-President; and Prof. Francis K.L. Chan, Dean of Medicine, CUHK.

The SAC provided many useful and pragmatic recommendations that will help take our School to a higher level of academic and educational excellence.

科學顧問委員會到訪（2017年11月28日至12月2日）

繼2016年1月到訪後，科學顧問委員會再次訪問本院，其成員包括美國南加州大學Vassilios Papadopoulos博士（委員會主席）、美國加州大學Bruce R. Conklin博士、加拿大英屬哥倫比亞大學Peter C.K. Leung博士、美國哈佛醫學院Cynthia Casson Morton博士和巴黎第十一大學Michael Schumacher博士。

委員會每位成員與本院各組別的人員分別會面，以了解上次到訪後，本院於不同範疇之最新發展。此外，委員會成員亦與中大常務副校長華雲生教授、副校長張妙清教授和醫學院院長陳家亮教授會晤。

科學顧問委員會提供了許多有用且務實的建議，將有助學院提升至更卓越的學術和教育水平。

(Front row, from left) Dr. Peter Leung; Dr. Michael Schumacher; Dr. Vassilios Papadopoulos; Dr. Cynthia Morton; and Dr. Bruce Conklin; together with Prof. Chan Wai-yee, School Director (2nd from right, second row)
（前排左起） Peter Leung博士、Michael Schumacher博士、Vassilios Papadopoulos博士、Cynthia Morton博士、Bruce Conklin博士與本院院長陳偉儀教授（第二排右二）合照

Sharing by Prof. Kenneth K.H. Lee in the Faculty's Go Global Workshop Series (3 March 2018)

Prof. Kenneth Lee, Chief of the Developmental and Regenerative Biology Thematic Research Program of the SBS and Co-Director of the CUHK–UOS Joint Laboratory for Stem Cell and Regenerative Medicine, was invited to be one of the speakers at the 'Accelerate Your Career Through International Collaborations' Workshop.

The Workshop was one of the sharing sessions in the Faculty Strategic Workshop 2018, which aimed to offer tactics for extending the international reach of Faculty members. Professor Lee shared his insights on how to start, lead, maintain and leverage research partnerships, as well as his collaboration experiences in basic sciences.

李嘉豪教授於醫學院的「Go Global」工作坊系列中分享（2018年3月3日）

生物醫學學院發育及再生生物學主題研究組主任、香港中文大學—南安普頓大學幹細胞及再生醫學聯合實驗室聯席主任李嘉豪教授獲邀擔任「Accelerate Your Career Through International Collaborations」工作坊的其中一位主講嘉賓。

此工作坊是醫學院2018年度大會的其中一個分享環節，旨在向醫學院教研人員分享拓展國際連繫的方法和策略。李教授在工作坊上講述如何建立、帶領、維繫和善用研究夥伴關係，以及分享在基礎科學上的合作經驗。

Research Grants Council (RGC)'s visit to CUHK (14 June 2018)

The RGC arranged the visit, with five subject panels divided into seven sub-groups for parallel visits to various departments and schools at CUHK.

The sub-group in Vascular Biology, Cancer Epigenetics, and Development Biology under the Biology and Medicine Panel visited the SBS, and was warmly received by Prof. Chan Wai-yee, Director of the SBS and other School members. Prof. Yao Xiaoqiang, Prof. Alisa S.W. Shum and Prof. Alfred S.L. Cheng, SBS presented their recent research work to the panel members. The panel members then toured our research facilities, and enjoyed two meeting sessions with our junior faculty members and postgraduate research students.

An RGC open forum was also held in which panel members offered constructive recommendations to the research staff in CUHK to help them write their RGC grant proposals.

研究資助局到訪香港中文大學（2018年6月14日）

是次訪問由研究資助局安排，五個學科小組共分成七組，分別到訪中大各學系和學院。

由生物學及醫學學科小組成員組成的血管生物學、癌症表觀遺傳學和發育生物學訪問小組到訪生物醫學學院，並由本院院長陳偉儀教授及其他學院成員熱情款待。訪問期間，本院姚曉強教授、沈秀媛教授和鄭詩樂教授向訪問小組講述其最新的研究項目。其後，小組成員參觀了本院的研究設施，並分別與本院的新進學術人員和研究生會面。

研究資助局亦舉行了一個公開論壇，論壇上小組成員向中大的研究人員提供不少實用建議，以協助他們填寫資助申請書。

Prof. Chan Wai-yee (standing) gives an introduction of our School to the sub-group
陳偉儀教授（站立者）向訪問小組介紹本院

The sub-group visits the School research facilities
訪問小組參觀本院的研究設施

Moments of Insights 睿智・分享

Brief Biosketch of Prof. Kenneth K.H. Lee

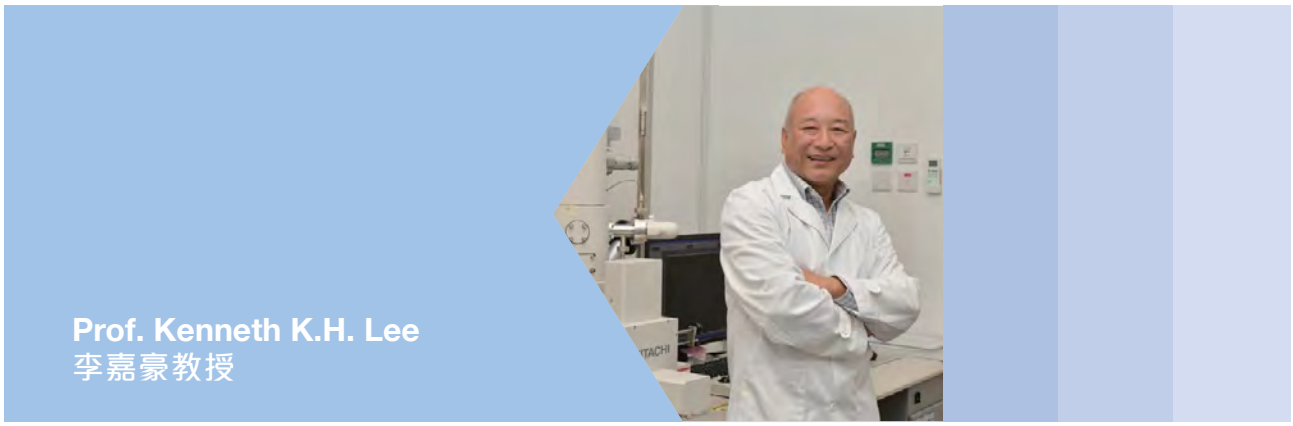
Prof. Kenneth Lee is a Professor and Chief of the Developmental and Regenerative Biology Program in the School. He is also the Co-Director of the CUHK–University of Southampton Joint Laboratory for Stem Cells and Regenerative Medicine. Educated in Scotland, he has over 35 years of research and teaching experiences. He has published 148 scientific papers and been awarded two US patents.

His research interests, among which many have commercial values, include the discovery of small molecules that induce somatic cells into pluripotent stem cells, molecular biology of embryo development, cardiac and skeletal muscle regeneration, BRE gene in stem cell and cancer biology, and drug discovery for the treatment of liver fibrosis.

李嘉豪教授簡歷

李教授是本院發育及再生生物學主題研究組的主任和教授，亦是香港中文大學—南安普頓大學幹細胞及再生醫學聯合實驗室聯席主任。他在蘇格蘭求學，現擁有逾三十五年的研究和教學經驗，共發表一百四十八篇科學論文，並獲得兩項美國專利。

他的研究範疇包括發現誘導體細胞轉化為多能幹細胞的小分子、胚胎發育的分子生物學、心肌和骨骼肌再生、幹細胞和癌症生物學中的BRE基因以及治療肝纖維化藥物的研發，其中不少研究項目皆具有商業價值。



Prof. Kenneth K.H. Lee
李嘉豪教授

Can you briefly introduce your recent research focus/latest research project? How does the School's support and environment help your research?

Answer: My current research interest is in biofabricating heart and liver tissues from human stem cells. It is now relatively easy to induce human pluripotent stem cells to become heart and liver cells. However, these cells are microscopic and in order to make them translational for clinical use, they will have to be re-constructed into 3-dimensional (3D) tissue. The equipment housed in the School's new Biofabrication Core Laboratory has made it possible for my research team to realise our research objectives.

您可否簡介您近日的研究主題或最新的研究項目？學院的支持和環境如何協助您開展研究工作？

答：我目前集中研究從人體幹細胞生物製造心臟和肝臟組織。要誘導人體多能幹細胞成為心臟和肝臟細胞，現今已變得相對容易，但這些細胞極微小，必須將其重新建構為三維組織，方可作臨床應用。學院新成立的生物製造中心實驗室所配置的設備，使我的研究團隊能實現研究目標。

As a pioneer in the application of 3D fabrication technologies in your research, what are the hurdles you have had to overcome?

Answer: One major hurdle was bioprinting the heart and liver in a natural histological pattern, where besides heart or liver cells, there are blood vessels, connective tissues and other known associated cells. By using a 3D bioprinter in the Core Lab, my team has managed to print 3D heart and liver tissues patches, which are visible and could potentially be used in regenerative medicine.

作為在研究中應用三維製造技術的先驅，您有什麼困難要克服？

答：主要困難是要按自然的組織學形態來生物打印心臟和肝臟，除了心臟或肝臟細胞外，還有血管、結締組織和其他已知的相關細胞。利用中心實驗室的三維生物細胞打印儀，我的團隊克服了困難，最終成功打印出三維心臟和肝臟組織補片。這些補片是肉眼可見的，並有可能應用於再生醫學。

Do you have any advice to young investigators on being a good scientist? What is your future research plan?

Answer: I think young investigators will find pursuing this avenue of research very rewarding. There is certainly a lot of work to be done in this exciting area. Persistence and enthusiasm are the keys to success, not just in research but in many aspects of life. I would encourage all young people to develop these two qualities. My future research plan is to biofabricate 3D heart and liver tissues that resemble the real thing as closely as possible.

就如何成為優秀的科學家，您會給年輕的研究員什麼建議？未來您有何研究計劃？

答：我相信年輕的研究員會感受到從事研究工作所帶來的滿足感。研究過程充滿挑戰，工作必然甚為繁重，而堅持和熱誠就是成功的關鍵，其實這不僅是對於從事研究，日常生活中其他方面亦應如是，所以我鼓勵所有年輕人學習並抱有這兩種處事的態度。我未來的研究計劃是生物製造三維心臟和肝臟組織，期望製成品能盡量與真實的組織相似。

Research Outputs
研究產量

- From 1 July 2016 to 30 June 2017, 41 School investigators each published at least one full-length peer-reviewed scientific paper. With varied degrees of involvement from our investigators, the School was able to produce a total of 218 academic publications with an average of 5.32 peer-reviewed research papers per investigator during the reporting period.

- From 1 July 2017 to 30 June 2018, 35 School investigators each published at least one full-length peer-reviewed scientific paper. With varied degrees of involvement of our investigators, the School was able to produce a total of 167 academic publications with an average of 4.78 peer-reviewed research papers per investigator during the reporting period. (Appendix 3)

- 自2016年7月1日至2017年6月30日，本院41名科研人員出版了最少一份經同行評審的科研論文。在科研人員不同程度的參與下，學院於報告期內共發表了218份學術著作，平均每位科研人員有5.32份經同行評審的科研論文。

- 自2017年7月1日至2018年6月30日，本院35名科研人員出版了最少一份經同行評審的科研論文。在科研人員不同程度的參與下，學院於報告期內共發表了167份學術著作，平均每位科研人員有4.78份經同行評審的科研論文。（附錄三）

The details are as follows:

詳情如下：

Category 類別	Quantity 數量	
	2016–17	2017–18
Scholarly books, monographs and chapters 學術書籍、專題著作和書籍章節	6	6
Journal publications 期刊論文	218	167
Patents 專利發明	1	5
Conference papers/abstracts 會議論文 / 摘要	127	137
All other outputs 其他	2	7
Total: 合共：	354	322

Remarks: Data downloaded from AIMS on 8 August 2019
註：資料於2019年8月8日錄自學術資訊管理系統

- During the reporting period, the SBS PIs published 22 papers in journals with Impact Factors higher than or equal to 10. Amongst these 22 papers, nine original research papers were with the SBS PIs as First/Co-first/Corresponding/Co-Corresponding authors as follows:

- 在報告期內，本院主研究員在影響指數相等或高於10的期刊共發表22篇論文，其中九篇原創研究論文，以本院主研究員擔任首席作者/共同首席作者/通訊作者/共同通訊作者，詳情如下：

Author from the School 本院之作者	Title of the Published Paper 論文題目	Publication Date 出版日期
Prof. Huang Yu Prof. John A. Rudd Prof. Yung Wing-ho Prof. Yao Xiaoqiang* 黃聿教授 陸臻賢教授 容永豪教授 姚曉強教授*	'TRPC5 channels participate in pressure-sensing in aortic baroreceptors'. *Nature Communications*, 14;7:11947.	Jul 2016 2016年7月
Prof. Kingston K.L. Mak Prof. Tian Xiaoyu Prof. Huang Yu* 麥經綸教授 田小雨教授 黃聿教授*	'Integrin-YAP/TAZ-JNK cascade mediates atheroprotective effect of unidirectional shear flow'. *Nature*, 540(7634):579-582.	Dec 2016 2016年12月
Prof. Vivian W.Y. Lui# 呂偉欣教授#	'Exome and Genome Sequencing of Nasopharynx Cancer Identifies NF-kB Pathway Activating Mutations'. *Nature Communications*, 8:14121.	Jan 2017 2017年1月
Prof. Chan Hsiao-chang Prof. Sidney S.B. Yu* 陳小章教授 余小彬教授*	'COPI-TRAPPII activates Rab18 and regulates its lipid droplet association'. *The EMBO Journal*, 36(4):441-457.	Feb 2017 2017年2月
Prof. Ke Ya* Prof. Yung Wing-ho* 柯亞教授* 容永豪教授*	'Refinement of learned skilled movement representation in motor cortex deep output layer'. *Nature Communications*, 8:15834.	Jun 2017 2017年6月
Prof. So Hon-cheong* 蘇漢昌教授*	'Analysis of genome-wide association data highlights candidates for drug repositioning in psychiatry'. *Nature Neuroscience*, 20(10):1342-1349.	Oct 2017 2017年10月
Prof. Ke Ya* Prof. Yung Wing-ho 柯亞教授* 容永豪教授	'Cystathionine beta-synthase is required for body iron homeostasis'. *Hepatology*, 67(1):21-35.	Jan 2018 2018年1月
Prof. Alfred S.L. Cheng* 鄭詩樂教授*	'Hepatoma-intrinsic CCRK inhibition diminishes myeloid-derived suppressor cell immunosuppression and enhances immune-checkpoint blockade efficacy'. *Gut*, 67(5):931-944.	May 2018 2018年5月
Prof. Stephen K.W. Tsui* 徐國榮教授*	'High-quality assembly of Dermatophagoides pteronyssinus genome and transcriptome reveals a wide range of novel allergens'. *Journal of Allergy and Clinical Immunology*, 141(6):2268-2271.e8.	Jun 2018 2018年6月

* Corresponding author/Co-Corresponding author 通訊作者 / 共同通訊作者

\# First/Co-first author 首席作者 / 共同首席作者

Research Grants
研究資助

In terms of external research grants, a total of 218 and 202 on-going projects were undertaken in the School in 2016–17 and 2017–18 respectively. These involved a total funding of HK$821,237,247 and RMB¥77,970,000 in 2016–17 and HK$758,868,068 and RMB¥55,820,740 in 2017–18.

在校外研究資助方面，學院2016–17年度與2017–18年度分別有218個和202個持續進行的項目獲得資助。2016–17年度資助總額約港幣8.21億元及人民幣7,797萬元；2017–18年度資助總額則約港幣7.58億元及人民幣5,582萬元。

New research grants secured by our investigators as PI from the Research Grants Council (RGC) and other government research grant schemes amounted to HK$44,898,391 and HK$54,202,929 in 2016–17 & 2017–18 respectively.

在2016–17年度和2017–18年度，學院成員以首席研究員身分獲得研究資助局及其他政府研究基金的新撥款總額分別合共約港幣4,489萬元和5,420萬元。

These included the Collaborative Research Fund (CRF), the General Research Fund (GRF), the NSFC/RGC Joint Research Scheme, the Health and Medical Research Fund (HMRF), the HMRF Research Fellowship Scheme, and the Innovation and Technology Fund (ITF).

當中包括協作研究金、優配研究金、國家自然科學基金委員會及研究資助局聯合科研資助基金、醫療衛生研究基金、醫療衛生研究基金研究獎學金計劃，以及創新及科技基金。

Compared with the RGC and other Government grants in terms of total funding received in 2015–16, there was a significant rise of 103% in 2016–17. Comparing the total funding in 2016–17 against 2017–18, a 21% increase was noted.

比較研究資助局及其他政府撥款的總金額，2016–17年度較2015–16年度大幅增加103%；2017–18年度則比2016–17年度增加21%。

The following major research grants were awarded to the SBS PIs in 2016–17:

在2016–17年度，本院主研究員獲得以下主要研究經費：

- Thirteen GRF grants amounting to a total of HK$12,289,226.
- Two CRF grants to Prof. Huang Yu and Prof. Lee Tin-lap amounting to a total of HK$12,983,661.
- Eight HMRF project grants amounting to a total of HK$ 9,260,163.
- The HMRF Fellowship which was awarded to Prof. Tian Xiaoyu in the amount of HK$1,018,032.
- Three ITF project grants amounting to a total of HK$3,533,018.
- Three National Natural Science Foundation of China (NSFC) project grants amounting to a total of RMB¥960,000.

- 13筆優配研究金撥款，合共約港幣1,228萬元。
- 黃聿教授和李天立教授獲兩筆協作研究金資助，總額約港幣1,298萬元。
- 八筆醫療衛生研究基金撥款，合共約港幣926萬元。
- 田小雨教授獲醫療衛生研究基金研究獎學金，金額約港幣101萬元。
- 三項創新及科技基金項目資助，總額約港幣353萬元。
- 三項國家自然科學基金項目資助，總額為人民幣96萬元。

The following major research grants were awarded to the SBS PIs in 2017–18:

在2017–18年度，本院主研究員獲得以下主要研究經費：

- Thirteen GRF grants amounting to a total of HK$14,551,536.
- Eight HMRF project grants amounting to a total of HK$9,244,222.
- Two ITF grants amounting to a total of HK$2,285,198.
- Two NSFC project grants amounting to a total of RMB¥810,000.

- 13筆優配研究金撥款，合共約港幣1,455萬元。
- 八筆醫療衛生研究基金撥款，合共約港幣924萬元。
- 兩項創新及科技基金項目資助，總額約港幣228萬元。
- 兩項國家自然科學基金項目資助，總額為人民幣81萬元。

Apart from the sources of funding noted above, our investigators also received donations from the following local, mainland and overseas companies and organisations to promote translational research. We are very much indebted to their generosity and unfailing support for our many research endeavours.

除了上述研究資助，以下本地、內地和海外企業及組織亦資助本院研究員，以推動轉化研究。本院衷心感謝其慷慨捐助，以及對我們各項研究工作的全力支持。

Company/Organisation Name 資助公司 / 機構名稱	
Advanced Cell Technology (HK) Limited	卓越細胞工程（香港）有限公司
AP Infosense Ltd	愛佩儀傳感信息科技有限公司
Apollonian Biosystems Limited	亞普能生物系統有限公司
AstraZeneca UK Ltd/AstraZeneca Hong Kong Ltd	阿斯利康英國有限公司 / 阿斯利康香港有限公司
DiagCor Bioscience Incorporation Limited	香港達雅高生物科技有限公司
Guangzhou Baiyunshan Pharmaceutical Holdings Company Limited	廣州白雲山中一藥業有限公司
Guangzhou Evidence-based Medicine Tech. Co., Ltd.	廣州循證醫藥科技有限公司
HEC Pharm Co. Ltd.	廣東東陽光藥業有限公司
Helsinn Heathcare SA	
Hong Kong Cancer Fund	香港癌症基金會
Lee's Pharmaceutical (Hong Kong) Limited	李氏大藥廠（香港）有限公司
Millennium Pharmaceuticals, Inc.	
Nano and Advanced Materials Institute Limited	納米及先進材料研發院有限公司
Nin Jiom Medicine Mfy. (H.K.) Ltd.	京都念慈菴總廠有限公司
Shenzhen Noah Ark Biotech Co., Ltd.	
SinoVeda Canada Inc.	
TGD Life Company Limited	得群生命科技有限公司
Guangzhou Baiyunshan Qixing Pharmaceutical Co., Ltd.	廣州白雲山奇星藥業有限公司
Baserun (HK) Limited	礎潤（香港）有限公司

Key Research Positions 主要研究職位

Other than their commitment to individual and School-level projects, our investigators continued to engage in and make substantial contributions to different research units or professional organisations within and outside the University by taking up the corresponding directorship/presidentships or key positions. The following are some examples:

本院的科研人員不但致力於個人與學院的研究項目，亦繼續積極在大學內外各研究單位或專業團體擔任領導或主要職位，持續作出貢獻，例如：

Investigator's Name 科研人員姓名	Leadership Position held in Research Unit/Professional Organisation 於研究單位或專業團體擔任的領導職位
Prof. Hector S.O. Chan 陳新安教授	Assistant Dean (Education), Faculty of Medicine, CUHK 香港中文大學醫學院助理院長（教育） Associate Head and Dean of General Education, New Asia College, CUHK 香港中文大學新亞書院副院長及通識教育主任
Prof. Chan Wai-yee 陳偉儀教授	Executive Director, Association of Chinese Geneticists in America 美國華人遺傳學家協會執行會長 Co-Director, CUHK–BGI Innovation Institute of Trans-omics 香港中文大學—華大基因跨組學創新研究院港方院長 Co-Director, CUHK–GIBH CAS Joint Research Laboratory on Stem Cell and Regenerative Medicine 香港中文大學—中國科學院廣州生物醫藥與健康研究院幹細胞與再生醫學聯合實驗室港方主任 Co-Director, CUHK–Kunming Institute of Zoology CAS Joint Laboratory of Bioresources and Molecular Research in Common Diseases 香港中文大學—中國科學院昆明動物研究所生物資源與疾病分子機理聯合實驗室港方主任 Co-Director, CUHK–SDU Joint Laboratory on Reproductive Genetics 香港中文大學—山東大學生殖遺傳聯合實驗室港方主任 Vice President/Member of Council, Hong Kong Institution of Science 香港科學會副會長 / 理事 Member, Board of Directors, Joshua Hellmann Foundation for Orphan Disease, Hong Kong 夏約書孤兒症基金會理事會成員 Member, Development Committee, Society for the Study of Reproduction 美國生殖學會發展委員會委員 Director, Stem Cell and Regeneration Center, CUHK 香港中文大學幹細胞及再生醫學中心主任 Member, Shaw Prize Council, The Shaw Prize Foundation 邵逸夫獎理事會成員
Prof. Christopher H.K. Cheng 鄭漢其教授	Director, CUHK Shenzhen Research Institute 香港中文大學深圳研究院院長 Director, Hong Kong Institute of Biotechnology Ltd. 香港生物科技研究院有限公司院長
Prof. Fung Kwok-pui 馮國培教授	Chairman of Scientific Committee, State Key Laboratory of Phytochemistry and Plant Resources in West China (CUHK), Hong Kong 香港中文大學植物化學與西部植物資源可持續利用國家重點實驗室學術委員會主席 Director, CUHK–Zhejiang University Joint Laboratory on Natural Products and Toxicology Research 香港中文大學—浙江大學天然藥物與毒理學研究聯合實驗室主任
Prof. Jiang Xiaohua 蔣曉華教授	Assistant Director, CUHK–Sichuan University Joint Laboratory for Reproductive Medicine 香港中文大學—四川大學生殖醫學聯合實驗室協理主任
Prof. Kenneth K.H. Lee 李嘉豪教授	Co-Director, CUHK–University of Southampton Joint Laboratory for Stem Cells and Regenerative Medicine 香港中文大學—南安普頓大學幹細胞及再生醫學聯合實驗室聯席主任 Theme Convener, Institute for Tissue Engineering and Regenerative Medicine (iTERM), CUHK 香港中文大學組織工程與再生醫學研究所主題召集人
Prof. Lee Tin-lap 李天立教授	Scientific Consultant, BGI–Hong Kong 華大基因香港研發中心科學顧問 Vice Chairman, Hong Kong Biotechnology Organisation 香港生物科技協會副會長
Prof. Lin Ge 林鴿教授	Co-Director, CUHK–Shanghai Institute of Materia Medica (SIMM) CAS Joint Research Laboratory for Promoting Globalisation of Traditional Chinese Medicines 香港中文大學—中國科學院上海藥物研究所促進中藥全球化聯合實驗室港方主任

Investigator's Name 科研人員姓名	Leadership Position held in Research Unit/Professional Organisation 於研究單位或專業團體擔任的領導職位
Prof. Eugene Ponomarev 龐佑信教授	Scientific Advisor and Consultant, Institute for Regenerative Medicine of Sechenov, I.M. Sechenov First Moscow State Medical University, Russia
Prof. John A. Rudd 陸臻賢教授	Director, Laboratory Animal Services Centre, CUHK 香港中文大學實驗動物服務中心主管
Prof. Stephen K.W. Tsui 徐國榮教授	Director, Hong Kong Bioinformatics Centre, CUHK 香港中文大學香港生物資訊中心主任 Director, Centre for Microbial Genomics and Proteomics, CUHK 香港中文大學微生物基因組及蛋白組中心主任 Associate Director, CUHK–BGI Innovation Institute for Trans-omics 香港中文大學—華大基因研究所跨組學創新研究院副院長
Prof. Wan Chao 萬超教授	Assistant Director, MoE Key Laboratory for Regenerative Medicine (CUHK–Jinan University) 香港中文大學—暨南大學國家教育部再生醫學重點實驗室協理主任 Director, School of Biomedical Sciences Core Laboratory, CUHK Shenzhen Research Institute 香港中文大學深圳研究院生物醫學學院核心實驗室主任
Prof. Yung Wing-ho 容永豪教授	Council Member, Chinese Neuroscience Society 中國神經科學學會理事 Member, Governing Council, International Brain Research Organisation 國際腦科學協會管理委員會成員 President, The Hong Kong Society of Neurosciences 香港神經科學學會理事長 Secretary, Federation of Asian–Oceanian Neuroscience Societies 亞洲—大洋洲神經科學學會聯盟秘書 Standing Council Member, Chinese Association for Physiological Sciences 中國生理學會常務理事
Prof. Zhao Hui 趙暉教授	Deputy Director, CUHK–Kunming Institute of Zoology CAS Joint Laboratory of Bioresources and Molecular Research in Common Diseases 香港中文大學—中國科學院昆明動物研究所生物資源與疾病分子機理聯合實驗室港方副主任

New Developments and Initiatives in Research

新的研究發展與機遇

- To facilitate more translational research and to generate more research funding for the School, we will capitalise on our existing strengths to build closer partnership with the private and industrial sectors, alongside our ongoing efforts in maintaining close working relationship with the Office of Research and Knowledge Transfer Services of the University. PIs will be encouraged to set up start-up companies to translate their findings into real social impact.

- We will continue to organise joint academic activities with local, regional, and internationally prestigious research institutions and scientific organisations in order to strengthen the image of the School as a hub for biomedical research in the Greater China and the Asia-Pacific regions.

- 為促進轉化研究，並為學院籌集更多研究資金，本院將利用現有的優勢，與私營機構和工業界建立更緊密的夥伴關係，同時將繼續致力與中大研究及知識轉移服務處維持密切的合作。本院亦鼓勵主研究員成立初創企業，把研究發現轉化為實際應用，為社會作出貢獻。

- 我們將繼續與本港、鄰近地區，以至國際上知名的研究機構和科學組織合辦學術活動，以增強本院作為大中華地區和亞太地區生物醫學研究樞紐的形象。

Core Laboratories
中心實驗室

To enhance the School's research capabilities at the forefront of biomedical sciences, our centralised multiple Core Laboratories continued to provide sophisticated state-of-the-art instrumentation, training and services to our investigators.

We acquired a 3D bio-scaffolder and a 3D micro-contact printer in 2015—the first of their kind in Hong Kong, and a central feature of the School's new Bio-fabrication Core. During the reporting year, our School investigators successfully used our 3D bio-printers on human induced pluripotent stem cell (iPSC) to grow and generate live cardiac cell-patches.

Also, our Core infrastructures were restructured to facilitate efficient operations in the Core Laboratories. The Proteomics Core and the Bio-fabrication Core were relocated to larger laboratories, while the Transgenic Core was integrated into the Animal Holding Core.

為了提升學院的研究能力，以立足於生物醫學科研領域前沿，我們多元化的中心實驗室持續為研究人員提供先進的尖端儀器、培訓和服務。

本院於2015年特別購置了三維生物支架和三維微接觸打印儀，此類儀器首度引入本港，是本院新設立的生物製造中心的核心設施。在報告年度內，本院的研究員成功將三維生物細胞打印儀應用於人類誘導性多能幹細胞，以培養和生成活的心肌細胞補片。

本院亦重組了核心基礎設備，以提高中心實驗室的運作效能。蛋白質學與生物製造兩個中心實驗室已遷往更大的實驗室，基因轉移服務中心則整合至實驗動物存養中心。

Major Achievements and Events

Updates in Different Core Laboratories

Bio-fabrication Core

A GeSim 3D bio-scaffolder module was installed in late 2015 to help establish a new Bio-fabrication Core. In 2017, the laboratory successfully grew a functioning human cardiac patch from human iPSC, and continued to grow different human and animal tissues with the new platform.

主要成就和事項

中心實驗室的最新概況

生物製造中心實驗室

2015年底添置了一組 GeSim 三維生物細胞打印儀，以助成立新的生物製造中心。2017年，此實驗室成功地從人類誘導性多能幹細胞培育出可正常發揮功能的人類心臟補片，並利用新平台繼續培養各種人類和動物組織。

Microscopy and Imaging Core

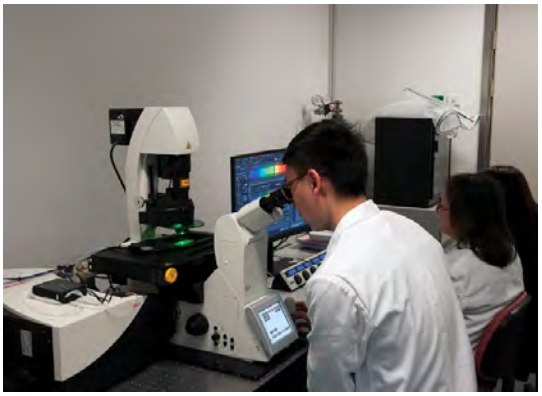
The School successfully bid for a Leica SP8 WLL Confocal Laser Scanning Microscope which will come into service in early 2019.

A new Tousimis Samdri-PVT Critical Point Dryer for drying specimens for scanning electron microscopic studies replaced the malfunctioned dryer, and has been fully functional since March 2017.

顯微及影像中心實驗室

本院成功投標購入一台Leica SP8 WLL激光共聚焦顯微鏡，該顯微鏡將於2019年初投入服務。

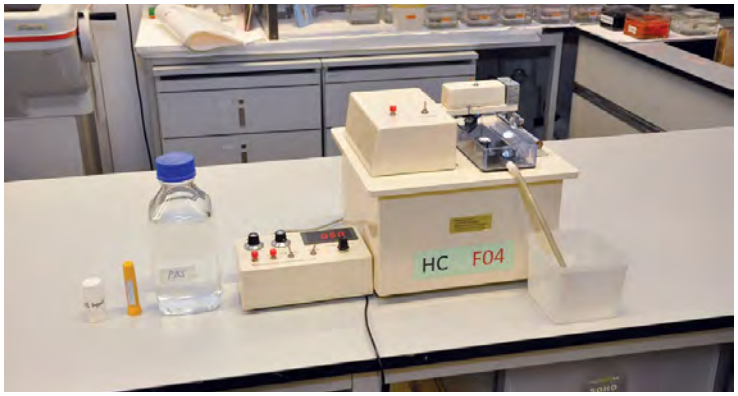
新的Tousimis Samdri-PVT臨界點乾燥儀自2017年3月起全面運作，取代了故障的乾燥儀，用以乾燥樣本，供掃描電鏡分析研究之用。



Histology Core

A Precisionary VF-700-0Z Compresstome for reproducible sectioning of fixed specimens at 10–250 microns and mouse/rat brain specimens of 22mm width was acquired for immuno-histochemical studies.

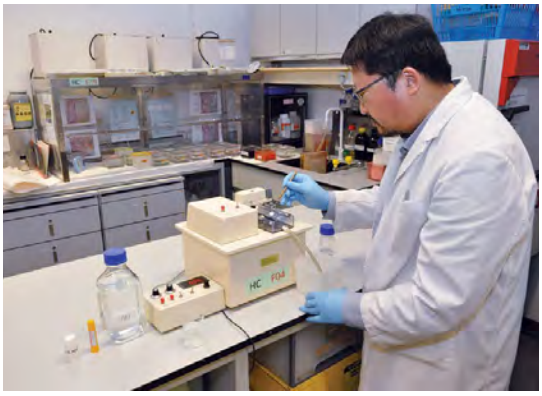
A Thermo PT Module to enhance antigen retrieval of formalin-fixed paraffin-embedded tissue sections for immuno-histochemical staining was acquired. This can offer precise and consistent temperature control, eliminating the damaging effects of temperature variations from microwaves or pressure devices which often destroy the antigens to be detected.



組織學中心實驗室

實驗室添置了一台Precisionary VF-700-0Z振動切片機，用於免疫組織化學研究。此儀器可對固定樣本重複地分割出10–250微米的組織片，以及切割22毫米寬的小鼠或大鼠腦部樣本。

實驗室亦設置了一台Thermo PT Module，對於被福爾馬林固定、石蠟包裹的組織切片，儀器可助抗原修復，供免疫組織化學染色。微波或壓力裝置引起的溫度變化經常會損壞要檢測的抗原，此儀器備有精確的恆溫控制功能，可消除這類不良反應。



Flow Cytometry and Cell Culture Core

A Seahorse Xfe96 Extracellular Flux Metabolism Analyzer for studying the metabolisms of live cells in a 96-well plate was acquired. It measures OCR and ECAR, which are the key indicators of mitochondrial respiration and glycolysis respectively, providing a systems-level view of cellular metabolic function in cultured cells and ex-vivo samples.

A unique specific third-party software platform, FlowJo v10 was introduced for analysing data generated from our three-flow cytometers to provide unique specialised protocols, such as kinetics of calcium flux, and for generating higher 3D resolutions and advance graphics.

流式細胞儀與細胞培植中心實驗室

實驗室購置了海馬Xfe96分析儀，用於研究96孔板中活細胞的代謝。儀器測量的OCR和ECAR分別是線粒體呼吸和糖酵解的關鍵指標，可顯示培養細胞和離體樣本中細胞代謝功能在系統層面的狀況。

實驗室亦引入了獨有的第三方軟件平台FlowJo v10，用於分析本院三流式細胞儀產生的數據，以提供鈣通量動力學等方法，繪製出三維解像度更高的高階圖像。

Proteomics Core

A Labconco centrifugal concentrator, used for concentrating protein samples, for molecular biology and proteomic studies was installed and launched for service.

蛋白質學中心實驗室

實驗室安裝並啟用了Labconco離心濃縮儀，用於濃縮蛋白樣本，供分子生物學和蛋白質學研究。

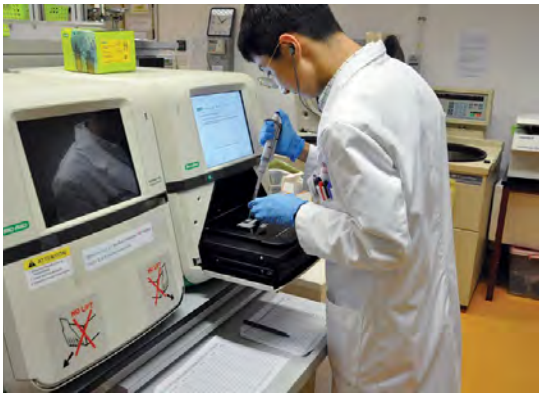
Macromolecular and Microarray Core

A Bio-Rad ChemiDoc Touch Gel Imaging System and a Bio-Rad ChemiDoc MP Gel Imaging System were acquired for qualification and quantification of chemiluminescent ECL western blots, visible fluorescent and infra-red based protein and DNA gels.

An automated Ion S5 Sequencing System Next Gen Sequencer was installed. This system is capable of rapid sequencing with full automation and bioinformatics. It is used for panel sequencing, RNA Sequencing and whole-exome sequencing as well as for both fresh and fixed tissues using very small amounts of DNA/RNA materials. This system provides the potential to generate high impact studies in the area of stem cell and cancer genomics research, as well as drug sensitivity and drug resistance tests.

大分子及基因表達中心實驗室

實驗室添置了Bio-Rad ChemiDoc Touch和Bio-Rad ChemiDoc MP凝膠成像系統，用於化學發光蛋白質免疫印跡、可見螢光、紅外線蛋白質和DNA凝膠的檢測和定量。



實驗室添置了自動Ion S5測序系統次世代測序儀。此系統能基於生物信息學進行全自動快速測序，用於小組測序、RNA測序和全外顯子組測序，亦可利用微量的DNA或RNA物質檢測新鮮組織和固定組織。此系統有利於幹細胞和癌症基因組學研究，以及藥物敏感度和耐藥性測試，有助研究人員達至高影響研究。

Animal Holding Core

The Animal Holding Core had been striving to acquire new facilities and setting strategies to expand services to meet increasing usage needs. A Noldus EthoVision XT base video tracking software platform was installed for Mammalian behavioural experiments. A new Memmert HPP260 Constant Climate Chamber was also set up for breeding Zebrafish.

實驗動物存養中心設施

實驗動物存養中心持續增添新設備，並訂立擴展服務的計劃，以滿足不斷增長的需求。中心安裝了Noldus EthoVision XT基本影像追蹤軟件平台，用於哺乳類動物的行為實驗，並增設了新的Memmert HPP260恆溫箱，以繁殖斑馬魚。

Mini-conference and Training Workshops

The Core Laboratories team helped organise two mini-conferences and workshops for our School members from 12 to 14 December 2016 and on 27 May 2017. They were designed to familiarise members on how to operate and apply our new 3D bio-printing system for printing scaffolds of live cells, as well as our mass spectrometry systems for proteomic research. Specialists and scientists were invited to share their knowledge of these technologies and their research achievements.

小型會議和培訓工作坊

中心實驗室團隊於2016年12月12日至14日和2017年5月27日為本院成員籌辦了兩次小型會議和工作坊，旨在讓成員熟悉如何操作和應用本院新添置的三維生物細胞打印系統，以印製活細胞支架，並熟習使用蛋白組學研究的質譜系統。會上更邀請了專家和科學家分享關於這些技術的知識和研究成果。

Also, the team co-organised a number of technology seminars and workshops with scientists and specialists from different scientific equipment suppliers to update our researchers on the latest technologies used in biomedical research.

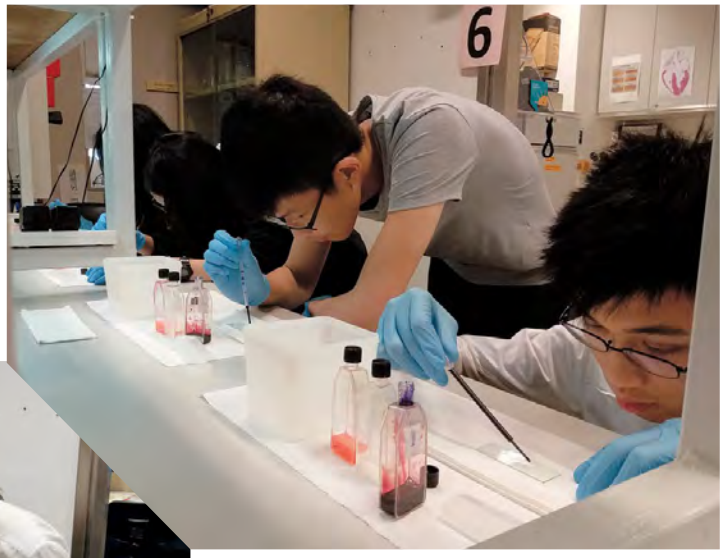
此外，團隊還與不同科學設備供應商的科學家和專家合辦了多個技術研討會和工作坊，讓本院研究員獲取新資訊，了解生物醫學研究使用的最新技術。

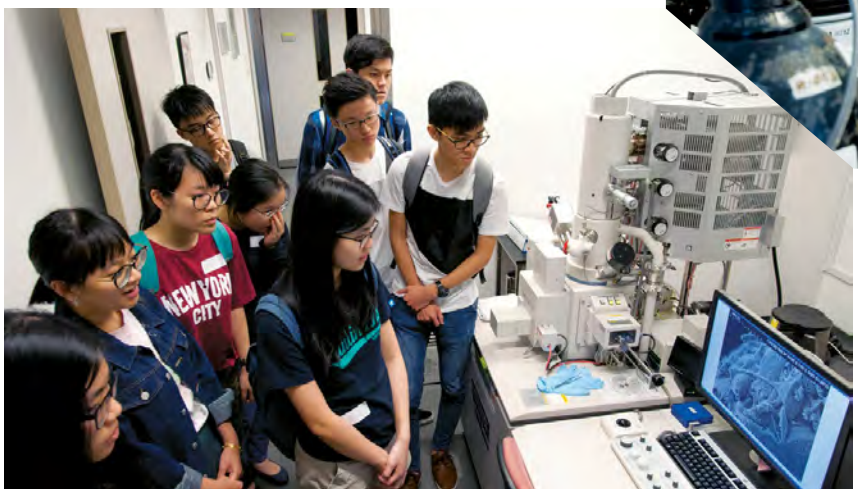
Support to Teaching Programmes and Outreach Activities

The Core team continued to support the School's teaching programmes and outreach activities, by giving talks and guided tours for undergraduate and postgraduate students, as well as hands-on workshops for secondary school students.

支援教學課程和外展活動

中心團隊為本科生和研究生舉辦講座和導覽團，並為中學生舉行體驗工作坊，持續支援學院的教學課程和外展活動。





The success of our infrastructure and management of Core Laboratories attracted tremendous interest from numerous local and overseas research centres. The Core Laboratories team received many visits and shared their experiences of Core Laboratories design, space utilisation of the different specialised core laboratories, as well as the efficient management of shared facilities for multiple users.

本院基礎設備周全，中心實驗室管理完善，本地和海外不少研究中心皆對此感到莫大興趣。中心實驗室團隊接待了多個訪問團，向他們分享相關經驗，包括中心實驗室的設計、不同類別中心實驗室的空間利用，以及讓眾多用戶共享設施的有效管理方式。

Quality Education
優質教學

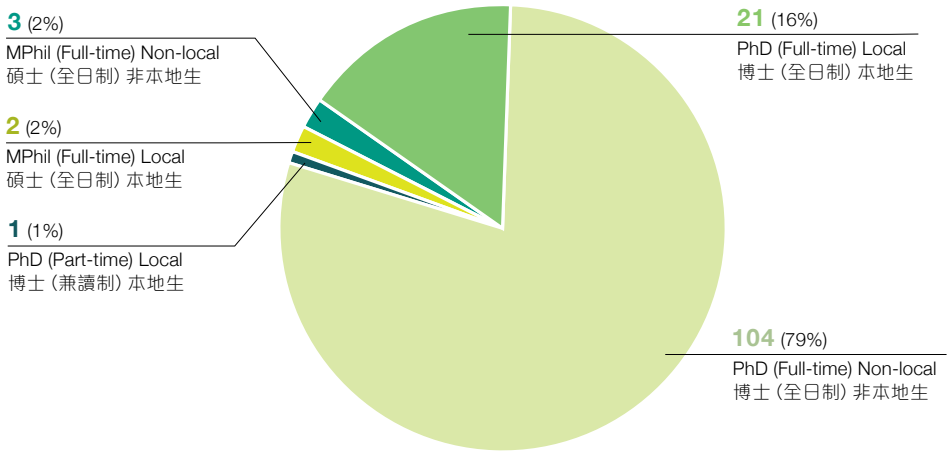
Graduate Education
研究生教育

During the academic year 2016–17, 35 academic members ranked Assistant Professors or above served as thesis supervisors for a total of 131 research postgraduate students. For the academic year 2017–18, 31 academic members ranked Assistant Professors or above served as thesis supervisors for a total of 121 research postgraduate students.

在2016–17學年，本院共有35名助理教授或以上職級的教學人員，擔任131名研究生的論文導師；在2017–18學年，則有31名助理教授或以上職級的教學人員，擔任121名研究生的論文導師。

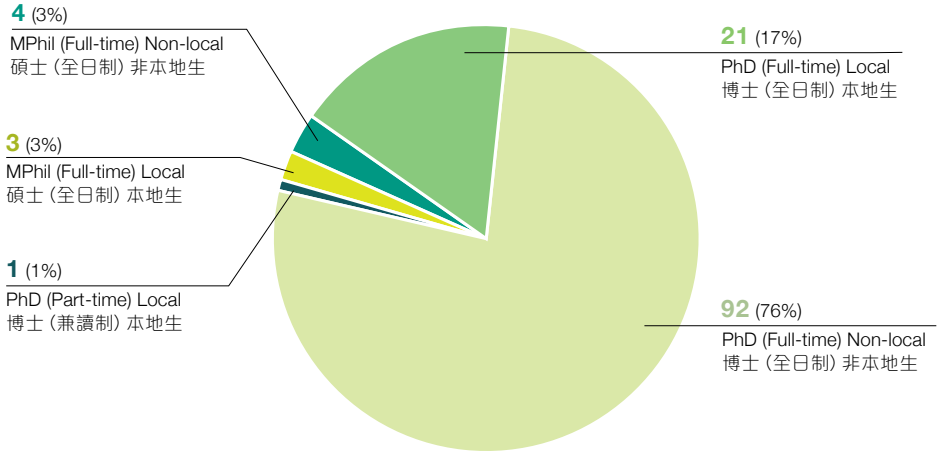
Research Postgraduate Students (as of June 2017)

研究生人數（截至2017年6月）



Research Postgraduate Students (as of June 2018)

研究生人數（截至2018年6月）



During the academic year 2016–17, a total of 29 research postgraduate students (3 MPhil and 26 PhD) graduated, whereas 30 new students (1 MPhil and 29 PhD) were admitted to the articulated MPhil–PhD Programme in Biomedical Sciences.

In the academic year 2017–18, 47 research postgraduate students (5 MPhil and 42 PhD) graduated, and 36 new students (6 MPhil and 30 PhD) were admitted to the articulated MPhil–PhD Programme in Biomedical Sciences.

The distribution of postgraduate students in the three Thematic Research Programs (TRPs) is as follows:

於2016–17學年，本院共有29名研究生畢業（三名碩士研究生和26名博士研究生）；同年錄取了30名碩士–博士銜接課程的研究生新生（一名碩士研究生和29名博士研究生）。

於2017–18學年，本院共有47名研究生畢業（五名碩士研究生和42名博士研究生），並錄取了36名碩士–博士銜接課程的研究生新生（六名碩士研究生和30名博士研究生）。

各研究生於三個主題研究組的分佈如下：

	2016–17	As of June 2017 截至2017年6月	2017–18	As of June 2018 截至2018年6月
TRP 主題研究組	No. of New Intakes 研究生新生人數	No. of Research Postgraduate Students 研究生人數	No. of New Intakes 研究生新生人數	No. of Research Postgraduate Students 研究生人數
Cancer Biology and Experimental Therapeutics 腫瘤生物學及實驗藥物治療學	8	46	13	41
Developmental and Regenerative Biology 發育及再生生物學	9	46	12	44
Neural, Vascular, and Metabolic Biology 神經、血管、及代謝生物學	13	39	11	36
Total 總數	**30**	**131**	**36**	**121**

Graduates of 2016–17 with our teaching staff
2016–17年度畢業生與本院教學人員合照

Graduates of 2017–18 with our teaching staff
2017–18年度畢業生與本院教學人員合照

Major Achievements and Events in 2016–18

Cross-Strait Symposium on Biomedical Sciences cum SBS Postgraduate Research Day 2016 (10 and 11 November 2016)

The Postgraduate Research Day served as an excellent platform for postgraduate students to interact with their peers. For this year's Postgraduate Research Day we were joined by three delegations from the Kunming Institute of Zoology, the Chinese Academy of Sciences; the National Tsing Hua University; and Peking University. A total of 26 postgraduate students and seven professors were invited to the poster and oral presentations. More than 200 participants including postgraduate students, teaching and research staff, associate members and external academics attended the event. The authors of the best 16 posters were invited to give oral presentations on their projects and compete for prizes.

2016–18學年重要成就與事項

兩岸三地生命科學文化節暨2016年生物醫學學院研究生日（2016年11月10日至11日）

研究生日為研究生提供了一個互相交流的絕佳平台。此年本院邀請到來自中國科學院昆明動物研究所、國立清華大學和北京大學的訪問團參與活動，共七位教授及26位研究生應邀參加牆報報告與口頭報告環節。活動吸引逾200人參與，包括研究生、教學與研究人員、學院聯繫成員和校外嘉賓。在牆報展示中排名前16名的研究生獲邀作專題演講，競逐獎項。

SBS Postgraduate Research Day 2017 (9 and 10 November 2017)

The SBS Postgraduate Research Day 2017 was successfully held with the participation of postgraduate students from the Guangzhou Institutes of Biomedicine and Health, Chinese Academy of Sciences (CAS); the Kunming Institute of Zoology, CAS; and Jinan University. The students participated in poster and oral presentations to compete for various prizes and exchanged academic ideas.

2017生物醫學學院研究生日（2017年11月9日至10日）

2017年生物醫學學院研究生日邀請到來自中國科學院廣州生物醫藥與健康研究院、中國科學院昆明動物研究所和暨南大學的研究生參與。研究生於牆報報告及專題演講中一同競逐獎項，互相交流學術見解。

Information sessions on Research Projects (August 2016 and August 2017)

Before choosing their thesis research projects and supervisors, new students could rotate across up to three laboratories, for a maximum of two months for each rotation. Four information sessions on 4 and 5 August 2016 and 7 and 8 August 2017 were organised for new intakes to better understand the ongoing research projects within the School.

研究項目簡介會 (2016年8月和2017年8月)

學院新生在選擇研究課題和導師前，可於最多三個實驗室輪轉學習，每次為期最長兩個月。學院於2016年8月4日和5日與2017年8月7日和8日為入學的新生舉行了四場簡介會，讓他們了解學院正進行的研究項目。

Curriculum Review on Postgraduate Courses

In view of the reorganisation of the Thematic Research Programs (TRPs) of the School, our School undertook a large-scale curriculum review on all postgraduate courses from October 2016 to March 2017. A Task Force was set up to review the courses, and academic members and students were invited to provide their feedback. A new curriculum consisting of two compulsory courses and three elective courses was launched in August 2017.

To continue to enhance our postgraduate courses, review meetings on postgraduate courses and graduate seminar series were held on 28 and 30 May 2018. Constructive suggestions from students and course coordinators were received for future planning.

研究生課程檢討

因應本院主題研究組的重組，學院於2016年10月至2017年3月期間對所有研究生課程進行一項大型的重整。在課程檢討專責小組成立後，學生和教研人員獲邀就課程提供意見。最後，經重整的課程包括兩門必修課和三門選修課於2017年8月推出。

為使本院的研究生課程更臻完善，學院分別於2018年5月28日和30日舉行研究生課程及研究生研討會的檢討會議，以助未來規劃，會上研究生和課程主任均提出建設性的建議。

Theme-based Graduate Seminars

As an integral part of postgraduate training, Theme-based Graduate Seminars were arranged over nine days between 13 April and 12 May 2017, and eight days between 18 April and 11 May 2018, with the aim of helping students to improve their presentation skills and encourage discussion among students and teachers.

研究生研討會

作為研究生教育中重要的一環，研究生研討會由個別主題研究組安排，於2017年4月13日至5月12日其中九天和2018年4月18日至5月11日其中八天舉行，活動旨在訓練學生的演講技巧及鼓勵師生之間的討論。

Training on Animal Experimentation and Ethics (14 October 2016 and 13 October 2017)

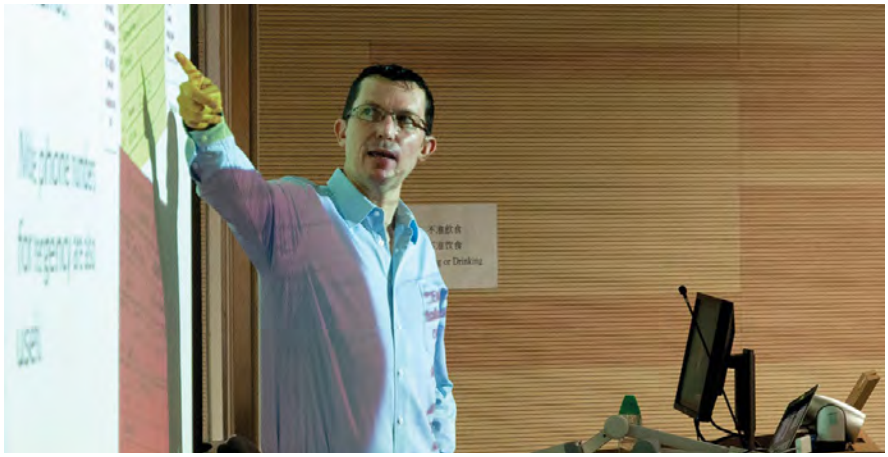
To uphold the highest standards of animal ethics when pursuing research excellence, the Graduate Education Team and the Core Laboratories Team, with the support of the Laboratory Animal Services Centre (LASEC) of CUHK, continued to organise lectures for postgraduate students and research staff.

During the lectures, both the University and Hong Kong regulations for animal use were discussed, and students were given an opportunity to learn the basics of analgesia, anesthesia and post-operative care using various species. Subsequent to the lectures, several hands-on practical sessions in small groups were held with students learning how to acclimatise mice and rats to handling as well as appropriate handling techniques for administration of drugs or treatments.

動物實驗及相關道德標準的培訓（2016年10月14日和2017年10月13日）

為確保本院人員在進行生物醫學研究及相關實驗時，能以最高的道德標準對待動物，本院研究生教育小組及中心實驗室小組再度與中大實驗動物服務中心合作，為研究生和研究人員舉辦講座。

講座中講解了現時香港及大學內就使用實驗動物的相關規則，學生亦能從中學習為多種實驗動物鎮痛、麻醉及手術後護理的基礎知識。講座後，實驗動物服務中心安排了多個小組實習工作坊，旨在讓本院研究生學習如何令鼠類動物適應實驗環境，及適當地為牠們使用藥物和治療。



Dr. Dewi K. Rowlands, former Director of LASEC presents at the lecture
時任實驗動物服務中心主任羅戴偉博士主講講座

Participation in Various Conferences

- Folllowing an invitation from the Kunming Institute of Zoology (KIZ), Chinese Academy of Sciences (CAS), Prof. Chan Wai-yee, Director of the SBS, led a delegation comprising Prof. Vincent C.K. Cheung, Prof. Eugene Ponomarev, Prof. John Rudd, Prof. Zhao Hui and 14 postgraduate students to participate in the **Symposium on Animal Models and Human Disease Mechanisms cum Postgraduate Research Day 2016** from 18 to 21 August 2016.

- To enhance the academic exposure of our research students, Prof. Chan Wai-yee led delegations comprising Prof. Wan Chao, Prof. Zhao Hui, Prof. Elmer D.F. Ker, postgraduate students and research staff to participate in the **Guangdong–Hong Kong Postgraduate Research Exchange and Symposium on Regenerative Medicine 2016 and 2017** held on 9 December 2016 and 6 December 2017 at Jinan University, Guangzhou.

  The aim was to promote academic exchange among postgraduate students who were pursuing their studies in various fields of regenerative medicine. Our students participated in poster and oral presentation sessions to compete for prizes with students from Jinan University.

參與各種學術會議

- 應中國科學院昆明動物研究所之邀請，本院院長陳偉儀教授於2016年8月18至21日率領由本學院張智鈞教授、龐佑信教授、陸臻賢教授、趙暉教授以及14名研究生所組成的代表團，參加**動物模型與人類疾病機理學術論壇暨2016年研究生年會**。

- 陳偉儀教授率領代表團，出席於2016年12月9日及2017年12月6日假廣州暨南大學舉行的**粵港再生醫學研究生學術交流會**。代表團成員包括萬超教授、趙暉教授、柯岱飛教授、研究人員與研究生。

  活動旨在促進兩校的研究生在再生醫學研究方面的學術交流。本院研究生參與牆報及口頭報告環節，與暨南大學研究生競逐獎項。

- Prof. Woody W.Y. Chan, Associate Director (Graduate Education) of the SBS, led a delegation comprising Prof. Andrew M.L. Chan and 7 postgraduate students to the **5th Cross-strait Symposium on Biomedical Sciences 2017** organised by the National Tsing Hua University, between 22 and 26 November 2017. Our postgraduate students actively participated in the poster and oral presentation sessions to compete for different prizes.

- 本院副院長（研究生教育）陳活彝教授、腫瘤生物學及實驗藥物治療學主題研究組主任陳文樂教授及七名研究生組成代表團，於2017年11月22至26日一同參與由國立清華大學舉辦的**2017年第五屆兩岸三地生命科學文化節**。本院研究生積極參與口頭報告和牆報報告活動，競逐不同獎項。

CUHK–NIH Graduate Partnerships Program

The School continued to offer the "CUHK–NIH (National Institutes of Health, USA) Graduate Partnerships Program" to provide unique research training opportunities to our students.

Participating students benefited from working with renowned scientists at the NIH for an extended period of about 3 years. The students in this programme and the affiliated laboratory/section at the NIH are listed below:

香港中文大學—美國國立衛生研究院研究生聯合培訓計劃

學院繼續推行「香港中文大學—美國國立衛生研究院研究生聯合培訓計劃」，為學生提供獨特的研究培訓機會。

參與的學生能於美國國立衛生研究院學習三年，與著名科學家共同參與研究。參與此計劃的學生及其在美國國立衛生研究院所屬的實驗室或部門如下：

Mr. Wang Hanbo 王瀚博先生	Section on Environmental Gene Regulation, Program in Cell Biology and Metabolism, NICHD 國立兒童健康及人類發育研究所環境基因調控學部細胞生物學與新陳代謝課程
Mr. Yau Ka-chun 邱家俊先生	Laboratory of Gene Regulation and Development, NICHD 國立兒童健康及人類發育研究所基因調控與發展實驗室

Overseas Training and Exchange Programmes

Our students were provided a wide range of training including overseas summer schools, workshops and research in international institutions as outlined below:

海外培訓與交流計劃

本院學生藉著參與海外暑期課程和研討會，或在國際機構進行科研，獲得眾多學習機會。報告學年參與相關活動或課程之學生如下：

Student's Name 學生姓名	Participating Period 參與時期 DD/MM/YYYY 日 / 月 / 年	Event/Programme 參與的活動或課程	Supervisor 導師
Ms. Kwok Sui-lam 郭瑞琳小姐	04/07/2016–08/07/2016	Hands-on Training Workshop on the PacBio Platform	Prof. Stephen K.W. Tsui 徐國榮教授
Ms. Zhou Xunian 周許年小姐	04/09/2016–06/10/2016	CUHK Global Scholarship Programme for Research Excellence for 2016–17	Prof. Fung Kwok-pui 馮國培教授
Ms. Li Mingyue 李明月小姐	19/09/2016–21/10/2016	CUHK Global Scholarship Programme for Research Excellence for 2016–17	Prof. Fung Kwok-pui 馮國培教授
Ms. Wan Tsz-yau 溫芷柔小姐	11/06/2018–15/06/2018	Learning experimental techniques on Life Blomia Tropicalis	Prof. Stephen K.W. Tsui 徐國榮教授
Mr. Xiong Qing 熊慶先生	11/06/2018–15/06/2018	Learning experimental techniques on Life Blomia Tropicalis	Prof. Stephen K.W. Tsui 徐國榮教授

SBS Research Postgraduate Student Conference Grant

The Grant continued to be an important element of financial support for students to present their scientific findings and exchange their research ideas with scientists in international conferences. In the academic year 2016–17, a total of 37 conference grants totaling HK$121,554 were given to students to cover their expenses for conference registration, international travel and hotel accommodation. In the academic year 2017–18, a total of 45 conference grants totaling HK$133,654 were given to students.

生物醫學學院研究生國際會議資助計劃

此計劃繼續為學生參與國際研討會議提供資助，鼓勵學生在國際學術會議中發表科研發現，並與其他科學家交流對研究的看法。在2016–17年度，學院提供了37項總計港幣121,554元的會議資助；在2017–18年度則提供了45項合共港幣133,654元的會議資助，以支付學生參加會議的註冊費、交通費和住宿費。

Postgraduate Student Association Activities

The Postgraduate Student Association (PSA) is formed every year to promote student–teacher interaction and communication, as well as a balance between study, work and life. During the reporting years, it organised a variety of activities, including orientation sessions for freshmen, the Fourth & Fifth SBS Director's Cup—Badminton Tournaments, etc.

研究生會活動

學院每年均會由研究生籌組研究生會，以促進師生間的互動和溝通，並致力提倡學習、工作與生活平衡。在報告年度，研究生會舉辦了多項活動，包括為新生舉行的迎新典禮、第四與第五屆院長盃羽毛球賽等。

Student Perspectives 學生心聲

Dr. Linda Rinaldi
PhD Graduate
哲學博士畢業生

I feel very honoured to have obtained my PhD degree as an international student at the School of Biomedical Sciences of CUHK. It was a rewarding experience that enriched me from both an educational and a personal perspective. The postgraduate courses allowed me to build a solid foundation in the field of biomedical sciences while the research work, conducted with the support of my supervisor, Prof. Vincent C.K. Cheung, helped me to develop and improve my research skills which will be indispensable for a successful career as a professional neuroscientist. Throughout my PhD journey, I also encountered university staff members who were very supportive and dedicated to listening to the students' needs. I also had the pleasure of meeting fellow students who became real friends and allowed me to discover the beautiful culture of Hong Kong.

我很榮幸能以國際生的身分在香港中文大學生物醫學學院獲得博士學位。在學院研習的經歷令我受益匪淺，使我於學術和個人發展方面皆有所進益。研究生課程讓我在生物醫學領域奠定了穩固的基礎。我在導師張智鈞教授的支持下進行研究工作，這有助我掌握和提升研究技巧，對於成為專業神經科學家而言，這些技能是開創成功事業不可或缺的。在攻讀博士學位期間，我遇到熱心協助學生、聆聽學生需要的大學職員。我也很高興能認識不少同學，與他們成為知心好友，並讓我體驗到香港美麗的文化。

Miss Guo Yue
PhD Student
郭月小姐
哲學博士生

In 2016, I started studying for a PhD degree at the School of Biomedical Sciences (SBS). I focused mainly on cancer research. The SBS provided advanced and very convenient laboratory facilities to support me and other students like me when we were conducting research experiments relating to cell biology, molecular cloning and animal under the supervision of our mentor. Additionally, the Postgraduate Research Day and Graduate Seminars offered me great opportunities to train and practise my presentation skills when sharing my research outcomes with teachers and peers.

Also, I was honoured and grateful to have been elected as the President of the 6th Executive Committee of the School of Biomedical Sciences Postgraduate Student Association. During this time, I gained valuable experience in organising many student activities and helping my peers engage in various student affairs. I have been well trained here. I not only honed my skills and techniques in conducting research experiment, but also in many other aspects which are equally important to my personal growth. I really appreciate it.

我自2016年開始在生物醫學學院攻讀博士學位，主要專注於癌症研究。學院提供了先進且便利的實驗室設施，協助我和其他同學在導師的指導下進行與細胞生物學、分子複製和動物相關的研究實驗。此外，研究生日和研究生研討會讓我與老師和同學分享研究成果，給我練習演講技巧的良機。

我也很榮幸能當選成為生物醫學學院研究生會第六屆執行委員會主席。在任期內，我組織了許多學生活動，並協助同學參與各類學生事務，從中獲得了寶貴的經驗。我在學院獲得全面的訓練，不僅研究實驗的技巧得到鍛鍊，在個人成長各方面亦獲益良多，我十分感謝學院的栽培。

Miss April T.Y. Cheng
2nd year BSc Student
鄭芷悠小姐
二年級理學士學生

Since I was admitted to the Programme, I have been very grateful for the kind support and advice given by Dr. Ann Lau, Deputy Programme Director, and my mentors Prof. Alfred Cheng and Dr. Rebecca Lee. They advised me on a variety of aspects including adaptation to university life, my schoolwork, student exchange, and my future career path.

自從我入讀此課程，課程副主任劉善雅博士、我的導師鄭詩樂教授和李潔瑩博士一直給予我支持和多方面的建議，包括適應大學生活及學習、參與交換生計劃和未來事業發展，我十分感謝他們。

The learning atmosphere here is very harmonious. We students often share and help each other. For example, senior-year students have taken the initiative to create a pool of past examination papers to share with junior-year students. The School has also paved the way for us to establish the Society of Biomedical Sciences, and teaching staff have been proactively participating in our activities to back us up. I am really grateful that the Programme and School have provided me with such a fruitful university life.

學院的學習氣氛非常融洽，同學經常交流互助，例如高年級同學主動建立試題庫與低年級同學分享。學院還協助我們成立生物醫學學院本科生會，各老師亦一直積極參與我們的活動以示支持，我非常感謝此課程和學院帶給我豐富充實的大學生活。

Mr. Brian S.H. Wong
2nd year BSc Student
黃誠熙先生
二年級理學士學生

(1st from left)（左一）

The BSc in Biomedical Sciences Programme provides a broad range of courses, not only covering foundational knowledge in biomedical sciences and research like *Forensic Science*, but also in subjects relating to strategic management and entrepreneurship like *Intellectual Property Law for Entrepreneurs*.

生物醫學理學士學位課程供同學修讀的科目廣泛，不僅涵蓋生物醫學和研究的基礎知識，例如「鑑證科學」，還具備如「版權、專利和知識產權」等有關管理與企業策略的學科。

I enjoyed these courses and believe they can equip me and other students with professional knowledge and key skills which are in great demand in the job market. This will give us greater choice when pursuing our careers in related fields.

我喜歡修讀這些課程，亦深信課程能讓我和同學學習到就業市場上需求殷切的專業知識及技能，使我們在相關領域發展事業時選擇更多。

I am also happy that I got the chance to work with many distinguished professors of the SBS. From handling frogs to culturing cells, to participating in various fields of research, it has been an unparalleled experience for me, and brought me invaluable skills and knowledge.

我亦很高興有機會參與學院裡多位傑出教授的實驗室工作，由處理青蛙、培養細胞，以至其他研究工作範疇，這些難得的經驗讓我學習到寶貴的技能和知識。

Undergraduate Education
本科生教育

In 2016–18, the School continued to inject substantial resources and manpower to further enhance and consolidate the service teaching offered for medical and non-medical undergraduate students.

在2016–18學年，本學院繼續投放大量人力和資源，以持續提升及鞏固醫科及非醫科本科生的服務教學質素。

Major Achievements and Events in 2016–18

- Together with the Faculty Package courses, namely the "Health Sciences I & II", our School offered 11 courses to preclinical students of the MBChB (Bachelor of Medicine and Bachelor of Surgery) Programme in the reporting years 2016–17 and 2017–18, respectively.

- For non-medical undergraduate teaching, the School delivered courses to students of Biomedical Sciences, Chinese Medicine, Pharmacy, and Biomedical Engineering Programmes, and also offered teaching on University General Education (UGE) courses. The number of undergraduate courses (including University General Education courses) offered and student enrollment in the respective courses in the academic years 2016–17 and 2017–18 are detailed in the table below:

2016–18學年重要成就與事項

- 於2016–17與2017–18年度，連同醫學院課程科目「醫學科學（一）和（二）」，本院每個年度均提供11個科目讓內外全科醫學士課程的臨床前期醫科生修讀。

- 至於非醫科本科教育，本院為生物醫學、中醫學、藥劑學與生物醫學工程學本科課程的學生授課，並教授大學通識教育科目。本院於2016–17和2017–18年度提供的本科生科目數目（包括大學通識教育科目）及修讀學生人數詳列於下表：

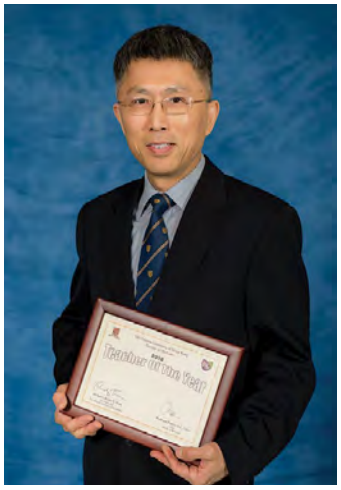
		2016–17		2017–18	
Faculty 學院	**Programme 課程**	**No. of Courses Offered 提供科目數目**	**Enrollment 科目修讀人數**	**No. of Courses Offered 提供科目數目**	**Enrollment 科目修讀人數**
Medicine 醫學院	MBChB 內外全科醫學士課程	9	1,955	9	1,953
	Biomedical Sciences 生物醫學	3	82	9	256
	Pharmacy 藥劑學	8	403	8	424
	Chinese Medicine 中醫學	3	89	3	89
	Faculty Package 學院課程	2	686	2	627
Engineering 工程學院	Biomedical Engineering 生物醫學工程學	3	116	3	61
University General Education 大學通識教育	General Education 通識教育課程	2	108	2	151
	Total 合共	**30**	**3,439**	**36**	**3,561**

- Dr. Rebecca K.Y. Lee, Lecturer of our School, was awarded the "Vice-Chancellor's Exemplary Teaching Award 2015" at the 81st Congregation held on 17 November 2016. The award is given annually to outstanding teachers of the University from the eight Faculties and the General Education programme, whose achievements in teaching are considered by their peers and students to be of the highest order.

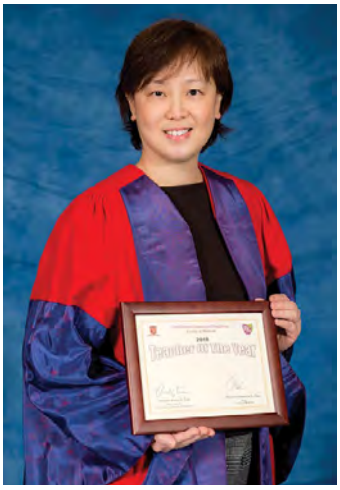
- In recognition of excellent teaching in the MBChB programme, our School members were presented with "Teachers of the Year Awards" by the Faculty of Medicine. In 2017, Prof. Simon C.L. Au and Dr. Rebecca K.Y. Lee received "Teacher of the Year Awards 2015–2016" at the award ceremony on 25 February 2017 at Sir Run Run Shaw Hall, CUHK. On 24 February 2018, Prof. Simon C.L. Au, Prof. Alisa S.W. Shum and Dr. Rebecca K.Y. Lee received "Teacher of the Year Awards 2016–2017" at the award ceremony. The selection was based on student votes, Course and Teaching Evaluation scores, and other contributions towards teaching and education.

- 本院講師李潔瑩博士於2016年11月17日舉行的第八十一屆大會（頒授學位典禮）中榮獲香港中文大學「2015年校長模範教學獎」。大學每年均會頒發此獎項予八所學院及通識科中，教學表現獲同事與學生肯定的傑出教師。

- 本院成員獲香港中文大學醫學院頒發「傑出老師獎項」，表揚其在內外全科醫學士課程教學的出色表現。2017年，歐澤樑教授與李潔瑩博士榮獲「2015–2016年度傑出老師獎項」，頒獎典禮於2017年2月25日假香港中文大學邵逸夫堂舉行。2018年，本院歐澤樑教授、沈秀媛教授與李潔瑩博士於2月24日頒獎典禮上獲頒發「2016–2017年度傑出老師獎項」。獎項的評選準則包括學生投票、科目及教學評鑑分數以及其他教學方面的貢獻。



Prof. Simon C.L. Au
歐澤樑教授



Prof. Alisa S.W. Shum
沈秀媛教授

Dr. Rebecca K.Y. Lee
李潔瑩博士

Division of Education

As recommended by the Scientific Advisory Committee, the former Teaching and Learning Unit was renamed the Division of Education in July 2018 to better recognise the nature of its work and contributions. During the reporting period, the members continued to engage in development of various pedagogical initiatives and new courseware, which have been used extensively in undergraduate programmes in the School, the Faculty and the University. In the reporting period, our School members were successful in securing 20 teaching related grants as Project Leaders from both the University and University Grants Committee.

教育學部

根據科學顧問委員會的建議，教與學單位於2018年7月改名為教育學部，以彰顯其職能和貢獻。在報告年度，教育學部成員繼續積極提倡創新教學方法，並開發電子教學軟件，其嶄新教學模式以及電子工具大多廣泛應用於本院、醫學院與大學的本科生課程。在此期間，本院成員以項目負責人身分成功申領了20筆大學與大學教育資助委員會的教學發展資助。

(Front row from left) Dr. Wong Wai-kai, Dr. Ng Yuen-keng, Dr. Sam H.K. Poon, Prof. Simon C.L. Au, Prof. Hector S.O. Chan, Prof. Kwong Wing-hang, Dr. Willmann Liang, Mr. Pasu W.L. Ng (Back row from left) Dr. Maria S.M. Wai, Dr. Isabel S.S. Hwang, Dr. Rebecca K.Y. Lee, Dr. Yeung Hang-mee, Dr. Molly P.M. Wong, Dr. Ann S.N. Lau, Dr. Joyce S.Y. Lam, Dr. Florence M.K. Tang
（前排左起）黃偉佳博士、伍儒敬博士、潘匡杰博士、歐澤樑教授、陳新安教授、鄺詠衡教授、梁偉文博士、伍桂麟先生
（後排左起）衞善敏博士、黃水珊博士、李潔瑩博士、楊恒美博士、黃佩文博士、劉善雅博士、林思盈博士、鄧美娟博士

New Teaching Courseware Development Projects[#] in 2016–18
2016–18年開展的新教學軟件發展項目[#]

SBS and *non-SBS* members (*Project Leader) 學院及*非學院*成員 (*項目負責人)	Project Title 項目名稱	Year 年份	Funding (HK$) 資助金額（港幣）
Dr. Isabel S.S. Hwang*, Prof. Ko Wing-hung*, *Prof. Nelson L.S. Tang, Dr. Yan Jin* and *Mr. Taylor L.H. Tang* 黃水珊博士*、高永雄教授*、*鄧亮生教授、金燕博士*和*鄧力恒先生*	An Interactive Journey to the Human Nephron (Phase 2): Renal Handling of Bicarbonate and Acid–Base Balance	2016–17	HK$63,310[b1]
Dr. Joyce S.Y. Lam*, Dr. Maria S.M. Wai*, Prof. Zhao Hui, Prof. Franky L. Chan, *Mr. Eddie C.F. Kwok, Mr. Timothy Y.K. Hui, Ms. Agnes T.H. Fong* and *Ms. Flora M.K. Leung* 林思盈博士*、衞善敏博士*、趙暉教授、陳良教授、*郭志輝先生、許恩傑先生、方芷晉女士*和*梁敏琪女士*	Enhancing student's ability to articulate lymphatic anatomy	2016–17	HK$70,000[b2]
Dr. Florence M.K. Tang*, *Prof. Henry L.Y. Chan*, Prof. Tony W.C. Mak*, Prof. Siew C. Ng** and *Dr. Olivia M.Y. Ngan* 鄧美娟博士*、*陳力元教授**、*麥穎忠教授**、*黃秀娟教授**和*顏妙融博士*	The Research Study on the Innovative Pedagogical Method for teaching of Clinical Skills in Preparation of Objective Structured Clinical Examination (OSCE): The Flipped Micro-Modules of OSCE stations	2016–17	HK$109,270[b3]
Dr. Rebecca K.Y. Lee* 李潔瑩博士*	Articulation of metabolic pathways using articulate storyline (sweetieland)	2016–17	HK$29400[a]
Dr. Florence M.K. Tang*, Prof. Kwan Yiu-wa, Prof. Kingston K.L. Mak, Prof. Zhao Hui, Prof. Ellis K.L. Fok, *Dr. Dewi K. Rowlands, Dr. Olivia M.Y. Ngan* and *Mr. Ray M.F. Lee* 鄧美娟博士*、關耀華教授、麥經綸教授、趙暉教授、霍建霖教授、*羅戴偉博士、顏妙融博士*和*李謀豐先生*	A Pilot Study of Flipped Classroom Teaching and Learning in the Techniques for Biomedical Research: Electronic Training in Practice (eTip)	2016–17	HK$73,500[a]
Dr. Florence M.K. Tang* 鄧美娟博士*	Setup Question Bank in uReply for anatomy Teaching	2016–17	HK$3,575[d]
Dr. Florence M.K. Tang* 鄧美娟博士*	Preparation of Teaching Materials for SBMS2105 Techniques in Biomedical Research for the uReply	2016–17	HK$2,475[d]
Dr. Ann S.N. Lau*, Dr. Ng Yuen-keng*, Dr. Sam H.K. Poon*, Dr. Wong Wai-kai*, Prof. Simon C.L. Au, Prof. Kwong Wing-hang, Dr. Isabel S.S. Hwang, Dr. Joyce S.Y. Lam, Dr. Rebecca K.Y. Lee, Dr. Willmann Liang, Dr. Florence M.K. Tang and Dr. Maria S.M. Wai 劉善雅博士*、伍儒敬博士*、潘匡杰博士*、黃偉佳博士*、歐澤樑教授、鄺詠衡教授、黃水珊博士、林思盈博士、李潔瑩博士、梁偉文博士、鄧美娟博士和衞善敏博士	Application of Augmented Reality (AR) and Virtual Reality (VR) for Teaching Multidisciplinary Topics in Biomedical Sciences	2016–19 triennium 2016–19 三年	HK$496,980[c]
Prof. Janny M.Y. Leung, Dr. Wai Man Szeto*, Dr. Johnson C.H. Lau**, Dr. Isabel S.S. Hwang*, *Dr. Kenneth M. Li, Dr. Vivian J. Wu, Prof. Eliza L.Y. Wong, Dr. Lancelot W.H. Mui* and Dr. Ann S.N. Lau *梁美兒教授**、*司徒偉文博士**、*劉振康博士**、黃水珊博士*、*李明博士、吳俊博士、黃麗儀教授、梅維浩博士*和劉善雅博士	A Collaborative Project on Peer Assisted Study Session (PASS)	2016–19 triennium 2016–19 三年	HK$500,000[c]
Dr. Florence M.K. Tang*, Dr. Molly P.M. Wong, *Dr. Aden K.Y. Chan, Dr. Leung Fu Cheung,* Dr. Sam H.K. Poon, Dr. Po H.M. Yeung and *Dr. Olivia M.Y. Ngan* 鄧美娟博士*、黃佩文博士、*陳家賢博士、張亮夫博士*、潘匡杰博士、楊恒美博士和*顏妙融博士*	Innovative Mobile Learning App: The New Development of Collaborative Knowledge Building Courseware for Integration of Basic Histology, Physiology and Pathology Teaching	2016–19 triennium 2016–19 三年	HK$100,000[c]

SBS and *non-SBS* members (*Project Leader) 學院及*非學院*成員 (*項目負責人)	Project Title 項目名稱	Year 年份	Funding (HK$) 資助金額（港幣）
Dr. Rebecca K.Y. Lee* 李潔瑩博士*	Articulation of Metabolic Pathways Using Articulate Storyline (Powerland)	2017–18	HK$41,650[b1]
Dr. Po H.M. Yeung, Prof. Ellis K.L. Fok, Dr. Florence M.K. Tang* and *Dr. Olivia M.Y. Ngan* 楊恒美博士、霍建霖教授、鄧美娟博士*和*顏妙融博士*	An Integration of Virtual Reality Courseware in Handling the Radiation Sources	2017–18	HK$100,000[b1]
Dr. Isabel S.S. Hwang*, Prof. Huang Yu*, Prof. Ko Wing-hung*, Dr. Willmann Liang*, *Mr. Ray M.F. Lee* and Miss Lee Ka-man 黃水珊博士*、黃聿教授*、高永雄教授*、梁偉文博士*、*李謀豐先生*和李家文女士	Visualisation of human diseases with micro-modules for real time classroom teaching (Phase 1)	2017–18	HK$52,700[b1]
*Prof. Albert Martin M.C. Li**, Dr. Isabel S.S. Hwang*, *Dr. Kate C.C. Chan* and *Mr. Ray M.F. Lee* *李民瞻教授**、黃水珊博士*、*陳晶晶醫生*和*李謀豐先生*	A flipped model to facilitate transition from pre-clinical to clinical study	2017–18	HK$69,635[b1]
Dr. Willmann Liang* 梁偉文博士*	Guided–Responsive Approach to the Learning (GRALe) of Integrated Cardiovascular Physiological Concepts	2017–18	HK$81,400[b]
Dr. Po H.M. Yeung* and Dr. Florence M.K. Tang* 楊恒美博士*、鄧美娟博士*	Micro-module for Dietary Fat Metabolism	2017–18	HK$63,900[b1]
Prof. Siew C. Ng, Dr. Heyson C.H. Chan**, Dr. Florence M.K. Tang*, Dr. Po H.M. Yeung* and *Dr. Olivia M.Y. Ngan* *黃秀娟教授**、*陳智曦醫生**、鄧美娟博士*、楊恒美博士*和*顏妙融博士*	A Step-Forward for Blending Learning: Mobile Micro-Module Flipped Classroom Courseware in Clinical Year Studies	2017–18	HK$100,000[b1]
Dr. Lee Chui-ping, Dr. Celeste L.Y. Ewig, Dr. Keary Zhou,* Prof. Lin Ge, Dr. Ng Yuen-keng* and *Dr. Paula Y.K. Yung Hodgson* *李翠萍博士**、*佘南瑛博士*、*周睿博士*、林皜教授、伍儒敬博士*和*容艷琼博士*	Nurturing Critical Thinking for Holistic Patient and Psychiatric Drug Therapy Assessment with Utilisation of Virtual Pharmacy Simulation	2017–18	HK$99,808[b1]
*Dr. Justin Wade Tenney**, Dr. Isabel S.S. Hwang*, *Prof. Carmen Wong, Dr. Jin Yan, Mr. Alex L.K. Yung* and *Ms. Patricia W.Y. Tong* *丁雋斯博士**、黃水珊博士*、*黃嘉雯教授*、*金燕博士*、*容力建先生*和*唐穎欣女士*	Micro-Module Video Scenarios in Sensitive Communication Situations with Student Response Questions	2017–18	HK$52,550[b]
Dr. Florence M.K. Tang* 鄧美娟博士*	Focus Group Study for the e-Learning Courseware in Anatomy Teaching	2017–18	HK$2,575[d]

#Projects with School members as Project Leaders
#學院成員為項目負責人

Funding Schemes:
資助來源：

a. Courseware Development Grant Scheme, CUHK
教育軟體發展基金（香港中文大學）

b. Micro-module Courseware Development Grant Scheme, CUHK
微教育軟體發展基金（香港中文大學）
Scheme 1—Basic Scheme
Scheme 2—Studies in Foundation Course
Scheme 3—e-Learning Pedagogy Research
計劃一——基本計劃
計劃二——基礎課程學習
計劃三——創新電子教材研究

c. Teaching Development Grant (TDG) or Teaching and Language Enhancement Grant (TDLEG), University Grants Committee
大學教育資助委員會教學發展補助金

d. Student Campus Work Scheme, CUHK
學生工讀計劃（香港中文大學）

Participation in Education Conferences and Workshops as Presenters
以演講者參與教育會議及工作坊

SBS Member 學院成員	Title of Workshop/Seminar/Talk 工作坊 / 研討會 / 講座名稱	Name of Organising Unit (Date) 舉辦單位（日期）
Dr. Ng Yuen-keng 伍儒敬博士	Office of Medical Education (OME) Seminar: I. Flipped Classroom and Course-based uReply & II. Tips in eLearning Production	Faculty of Medicine, CUHK (2 September 2016) 香港中文大學醫學院 （2016年9月2日）
Dr. Isabel S.S. Hwang 黃水珊博士	Office of Medical Education (OME) 2017 Workshop Series One: Constructing Micromodules for eLearning	Faculty of Medicine, CUHK (22 February 2017) 香港中文大學醫學院 （2017年2月22日）
Dr. Rebecca K.Y. Lee 李潔瑩博士	GE Lunch Seminar: How to Teach General Education Course with Fun in an Interactive Way	Faculty of Medicine, CUHK (27 April 2017) 香港中文大學醫學院 （2017年4月27日）
Dr. Florence M.K. Tang 鄧美娟博士	uReply User Forum: Active Learning in the Lecture and Practical for Health Profession Teaching with the Integration of uReply Platform	uReply team (CLEAR) at CUHK and clickers@PolyU team (APSS) (12 May 2017) uReply團隊（CLEAR）(在香港中文大學舉辦）及PolyU團隊（APSS） （2017年5月12日）
Dr. Isabel S.S. Hwang 黃水珊博士	Medical Education Conference 2017: Symposium on E-Learning, Modern Trends in Medical Education	Hong Kong Academy of Medicine (27 May 2017) 香港醫學專科學院 （2017年5月27日）
Dr. Isabel S.S. Hwang 黃水珊博士	Programme Retreat: A Teacher Experience: How Blended Learning and Flipped Classroom can be Facilitated with Various E-learning Tools	Bachelor of Science in Public Health Programme & Bachelor of Science in Community Health Practice Programme, CUHK (22 June 2017) 香港中文大學公共衞生理學士學位課程及社區健康理學士學位課程 （2017年6月22日）
Dr. Rebecca K.Y. Lee 李潔瑩博士	Global Physician–Leadership Stream (GPS) Caring Mentor Sharing	Faculty of Medicine, CUHK (22 August 2017) 香港中文大學醫學院 （2017年8月22日）
Prof. Simon C.L. Au 歐澤樑教授	Studies on applying modified Cohen method of standard setting to assessments in a preclinical year	AMEE 2017 (Association for Medical Education in Europe) Conference, Helsinki, Finland (28 August 2017) 芬蘭赫爾辛基歐洲醫學教育協會年度研討會2017 （2017年8月28日）
Dr. Ann S.N. Lau 劉善雅博士	Testing Science—From Forensic to Diagnosis	The Hong Kong Association for Science and Mathematics Education (HKASME) and The Hong Kong Council for Testing and Certification (HKCTC) (14 October 2017) 香港數理教育學會與香港檢測和認證局 （2017年10月14日）
Dr. Isabel S.S. Hwang 黃水珊博士	From enhancing pre-clinical studies using micro-modules to preparing blue-prints for assessments	Medical School of Ningbo University, China (20 October 2017) 中國寧波大學醫學院 （2017年10月20日）
Dr. Isabel S.S. Hwang and Dr. Ng Yuen-keng 黃水珊博士和伍儒敬博士	Medical Education Conference of The Chinese University of Hong Kong (CUMEC) 2018: Workshop on Flipped Classroom: From Theory to Real-Life Action	Faculty of Medicine, CUHK (16 March 2018) 香港中文大學醫學院 （2018年3月16日）

New Teaching Courseware Development

The Division launched 49 innovative new teaching modules in 2016 to 2018. These modules are in the form of micromodules, animations, videos, virtual/augmented reality courseware and eLearning platforms, covering anatomy, physiology, pharmacology, biochemistry and clinical skills. They have been incorporated into the courses and widely used for learning in MBChB and non-MBChB programmes.

新教學工具研發

在2016至2018年，教育學部共推出49個創新的教學模組。這些模組包括微細模組、模擬動畫、錄影影像、虛擬實境/擴真實景教學工具與電子學習平台，主要幫助同學學習解剖學、生理學、藥理學、生物化學和臨床技能。上述教學工具均被廣泛應用於醫科及非醫科課程。

BSc in Biomedical Sciences Programme

In view of the demand for the next generation of biomedical scientists in research, innovation, entrepreneurship and health services, the School launched its first bachelor programme—BSc in Biomedical Sciences in September 2016. The Programme best illustrates the relevance of basic biomedical science knowledge and research in the clinical, pharmaceutical and healthcare settings. It offers different Concentration Areas to prepare graduates for diversified career paths including biomedical research, diagnostics, genetics and bioinformatics, quality management of new therapies and biopharmaceuticals, legal, health services and lab management.

The Programme features a two-tier undergraduate mentoring system with each student being looked after by an Academic Mentor and a Personal Development Mentor, in order to provide full support to the all-round development of students.

生物醫學理學士課程

為了培育新一代的生物醫學科學家，於研究、創新、企業和健康服務方面發展，本院於 2016 年 9 月推出了首個學士課程——生物醫學理學士學位課程。此課程全面闡述基礎生物醫學知識在臨床、製藥和醫療保健領域的重要性。課程提供多個專修範圍，讓畢業生能發展不同的就業方向，包括生物醫學研究、診斷學、遺傳學和生物信息學、新療法和生物製藥的質量管理、法律、健康服務和實驗室管理。

此課程實行本科生雙導師制，每名學生均獲安排一位學術導師和一位個人發展導師了解其學習所需，全力支持其全面發展。

Undergraduate Biomedical Sciences Introductory Programme (August 2016)
生物醫學學院本科生迎新營（2016年8月）

Inauguration Ceremony for the first school day (September 2017)
新生開學禮（2017年9月）

Official Inauguration of the BSc in Biomedical Sciences Programme (January 2018)
生物醫學理學士課程啟動禮（2018年1月）

Career Development

The School has established an **Advisory Board on Students' Career and Development** to engage leaders from industry, government and the legal sectors. Their valuable advice helped to shape up the career-related professional development modules for our students, and strengthen specific areas of our programme curriculum in equipping students with appropriate attributes and competence to meet the demands of the biotechnology and biomedical industries.

An **Industry Partnership Team** was set up to establish a network with local and overseas industry partners, and to lay down the foundation of the biomedical internship programme for our final year students who wish to get exposed to a variety of job opportunities in the biomedical industry.

職業發展

學院成立了**學生就業及發展諮詢委員會**，由業界、政府和法律界的領袖組成。各委員的寶貴建議有助本院為學生設立與職業相關的專業發展單元，並加強課程的特定範疇，使學生具備適當的技能，以滿足生物技術和生物醫學行業的需求。

本院亦成立了**專責小組**與本地和海外的業界夥伴建立網絡，並為生物醫學實習計劃奠定基礎，向希望接觸各類工作的畢業班同學提供實習機會。


Career Information Day 2018 (January 2018)
職業資訊日2018（2018年1月）

Visit to HEC Pharm at Dongguan, China (September 2017)
訪問中國東莞廣東東陽光藥業有限公司（2017年9月）

Visit to the Fire and Ambulance Services Academy, Hong Kong (March 2018)
參觀香港消防及救護學院（2018年3月）

Diverse Learning Experiences

Students are encouraged to gain exposure to a variety of learning opportunities and early research. Therefore, in the summer of 2017 the School launched its annual flagship programme **Summer Biomedical Research Attachment (SUBRA)**, which allows 1st and 2nd year students to get a taste of research in their junior years of study before they opt for a particular Concentration Area in their senior years.

With continuous support from the Lo Kwee-Seong Foundation, the School established the **Lo Kwee-Seong Biomedical Research Fund —Student Development Fund.** This offered academic prizes and scholarships in recognition of students' academic achievements and supported their local and overseas academic activities. The School also enjoyed support from local and overseas partners in offering various enrichment programmes for students.

多元化的學習體驗

本院鼓勵學生接觸各種學習機會和參與初期研究，因此本院在2017年夏天推出了年度重點項目**本科生暑期研究實習計劃**，讓一年級和二年級學生在升讀高年級選擇專修範圍之前可親身體驗研究工作。

在羅桂祥基金的持續支持下，本院成立了**羅桂祥生物醫學研究基金——學生發展基金**，為學生提供獎項與獎學金，以表揚其學術成績，並資助他們在本港和外地的學術活動。本院亦獲得本地和海外合作夥伴的支持，為學生提供不同學習計劃。


University of British Columbia—Vancouver Summer Programme, Canada
加拿大英屬哥倫比亞大學溫哥華暑期課程

Summer research attachment at the Guangzhou Institutes of Biomedicine and Health (GIBH), Chinese Academy of Sciences (CAS), China
中國科學院廣州生物醫藥與健康研究院暑期研究實習

Research attachment at the University of Auckland, New Zealand
新西蘭奧克蘭大學研究實習

Study and culture tour hosted by Chongqing Medical University, China
中國重慶醫科大學舉辦的學習與文化團

Outreach Activities

The School organised and participated in at least 29 outreach activities for close to 6,000 participants. These included the **Biomedical Research Academy for Secondary School Students (BioMeRA)**, science workshops and enrichment programme for secondary school students, the Hong Kong Science Festival (HK SciFest) organised by the Hong Kong Science Museum, admission talks, as well as activities related to student recruitment.

對外拓展活動

本院籌辦並參與了至少29場外展活動，吸引近6,000人參加，活動包括**中學生暑期生物醫學研究計劃**、中學生科學工作坊和培育計劃、香港科學館舉辦的香港科學節、入學講座以及與招生相關活動。

An Enrichment Programme for students from St. Paul's Co-Educational College and a visit from the True Light Girls' College
聖保羅男女中學學生參與本院的中學生培育計劃，及真光女書院到訪

CUHK Programme Exploration Day for JUPAS Applicants 2018
中大課程探索日（2018聯招申請）

HK SciFest 2017—Biomedical Sciences Exploration
香港科學節2017——生物醫學探索

HK SciFest 2018—Decoding the Gene
香港科學節2018——基因解碼

Moments of Insights 睿智・分享

Brief Biosketch of Dr. Isabel S.S. Hwang

Dr. Isabel Hwang is a Senior Lecturer in the Division of Education, formerly known as the Teaching and Learning Unit (T&L), of the School of Biomedical Sciences. She specialises in the teaching of physiology and bioethics. Since joining CUHK in 2007, she has been experimenting with and promoting the use of e-learning micro-modules. She believes that the incorporation of e-learning resources in both flipped and blended learning settings provides immense flexibility and other benefits to student learning. In recent years, Dr. Hwang has been collaborating with other teachers from different departments and faculties as a way to exchange, improve and promote good teaching practices.

黃水珊博士簡歷

黃水珊博士是生物醫學學院教育學部（前稱「教與學單位」）的高級講師，專責教授生理學和生命倫理學。自2007年加入香港中文大學以來，她一直試行和推廣微單元的電子學習。她相信將電子學習資源融合到翻轉學習和混合式學習的環境中，能令學生的學習更靈活及帶來更多益處。近年黃博士與大學不同部門和學院的教師合作，互相交流，致力改善教學模式，並推廣卓越的教學方法。

Dr. Isabel S.S. Hwang
黃水珊博士

You have been actively promoting e-learning in the University. What motivates you?

Answer: I am motivated principally by my desire to help students to learn more effectively in simpler, and more interesting ways.

Many of our students have very different academic backgrounds and their learning preferences can vary significantly. For many of them, the traditional teaching method of long hours of didactic lectures using static slides may not be the most effective way to learn.

I believe that when e-learning is adopted consistently throughout the course, it can help students to understand abstract concepts and mechanisms much better.

是什麼推動您在大學積極推廣電子學習？

答：我希望能幫助學生以更簡單和有趣的方式學習，更有效地汲收知識，這就是我最大的推動力。

我們的學生學術背景不同，學習偏好亦可以有很大的差異。傳統教學法中，教師使用靜態幻燈片長時間講課，對很多學生而言未必是最有效的學習方法。

我相信當整個課程都能採用電子學習模式，將協助學生更透徹理解抽象的概念和機制。

How has the tertiary educational environment been changing in recent years? What have you been doing to cope with the challenges?

Answer: The biggest change in the learning environment is the way students seek information. Instead of just reading textbooks, many students today are more comfortable finding information from online sources. To accommodate this, I have been trying to provide a blended learning environment that covers both sources.

I understand that e-learning may be a new and innovative approach to some teachers who have been using the mainly didactic teaching approach for many years. It may take some time for them to promote the provision of e-learning resources in their teaching. I will make every endeavour to promote innovative pedagogical methods in teaching in the School and University. I hope that more teachers can share in the benefits of e-learning and teaching in response to today's educational environment.

近年專上教育的環境有何變化？您如何應對這些挑戰？

答：學習環境最大的改變是學生尋找資訊的方法大為不同。如今學生能更快捷地從網上搜尋資訊，而非單憑課本汲收知識。

為了迎合此轉變，我一直致力締造能匯合網絡與課本這兩種資源的混合學習環境。

部分教師多年來均以講課的模式傳授知識，對他們而言電子學習或是較新穎的教學方法。因此，要推動更多老師在教學時提供電子學習資源，需要多些時間。我會竭盡所能在學院及大學中推廣創新的教學方式，亦期望更多教師能從電子教學中獲益，以應對現今的教育環境。

What are the major qualities of a good teacher? What is your vision in nurturing new talent in biomedical sciences?

Answer: I think the most important quality is to be approachable and open-minded to each student's learning needs. Every student is different, and our role as teachers is to cater to each student's unique needs.

I believe in personal interaction with my students. I hope that by sharing my own experiences and providing personalised, situation-based guidance, I can encourage them to build their own characters and widen their perspectives.

一位好老師應具備什麼主要特質？在培養新一代生物醫學專才方面，您有何願景？

答：我認為好老師最重要的特質是平易近人，且能以開明的態度看待每位學生的學習需要。每個學生均與別不同，作為老師的我們應了解他們的個別需求。

我深信老師與學生之間的互動極為重要，我希望向學生分享自身經驗，並按不同的情況提供切合個人需要的指導，從而鼓勵他們建立獨特的個性及擴闊視野。

If you were to give one piece of advice to prospective students, what would it be?

Answer: I would, and I do, advise them to seek out and treasure every opportunity to increase their international exposure.

I tell them that this will help them to increase their potential and help them reach their personal and career goals faster.

您有什麼建議給擬報讀本院的學生？

答：我衷心建議他們尋找並把握擴闊國際視野的珍貴機會，這有助他們提升潛能，更快實現個人及事業目標。

Academic Links
學術聯繫

Memorandums of Understanding (MoUs)

Our School has continued to broaden the academic links with universities worldwide and build up scholarly connections with renowned scientific organisations. As of June 2018, the School has signed MoUs with:

- ASIA-International Biomedical Science Consortium
- Beijing Genomics Institute (Shenzhen), China
- Chiang Mai University, Thailand
- Chongqing Medical University, China
- Guangdong Provincial Hospital of Traditional Chinese Medicine, China
- Guangzhou Institutes of Biomedicine and Health, Chinese Academy of Sciences, China
- Jinan University, China
- Kunming Institute of Zoology, Chinese Academy of Sciences, China
- Peking Union Medical College, China
- Saitama University, Japan
- Shandong University, China
- Shanghai Institute of Materia Medica, Chinese Academy of Sciences, China
- Shanghai Jiao Tong University, China
- State Key Laboratory of Molecular Oncology, Chinese Academy of Medical Sciences, China
- The National Institutes of Health, USA
- Utrecht University, the Netherlands
- University of Pittsburgh, USA
- University of Southampton, UK
- Zhejiang University, China

合作備忘錄

本院一直致力拓展連結世界各地大學的學術交流網絡，並與著名的科研機構建立學術聯繫。截至2018年6月，本院已經與以下院校或科研機構簽訂合作備忘錄：

- 亞洲國際生物醫學科學聯盟
- 中國深圳華大基因
- 泰國清邁大學
- 中國重慶醫科大學
- 中國廣東省中醫院
- 中國科學院廣州生物醫藥與健康研究院
- 中國暨南大學
- 中國科學院昆明動物研究所
- 中國北京協和醫學院
- 日本埼玉大學
- 中國山東大學
- 中國科學院上海藥物研究所
- 中國上海交通大學
- 中國醫學科學院分子腫瘤學國家重點實驗室
- 美國國立衛生研究院
- 荷蘭烏特勒支大學
- 美國匹茲堡大學
- 英國南安普頓大學
- 中國浙江大學

Major Academic Exchange Activities

We continued to take part in many academic exchange activities and receive academic visitors and scholars from here and overseas. Below are the highlights:

Delegation from the University of Glasgow, UK (22 September 2016)

Prof. Matthew Walters, Head of the School of Medicine, Dentistry and Nursing/Professor of Clinical Pharmacology, Institute of Cardiovascular and Medical Sciences; and Prof. Tom Evans, International Lead, College of Medical, Veterinary and Life Sciences, the University of Glasgow, UK visited the SBS and had a meeting with Prof. Francis K.L. Chan, Dean of Medicine, CUHK and the SBS members. The meeting started with the Dean's introduction to CUHK's regulations on joint postgraduate programmes, followed by presentations on the latest development of the Thematic Research Programs (TRPs) by the SBS members. They also discussed the possibility for developing a joint master's degree programme between the two institutions.

重點學術交流活動

我們繼續積極參與多項學術交流活動，並接待來自本港和海外的訪問學者。重點交流活動如下：

英國格拉斯哥大學代表團到訪（2016年9月22日）

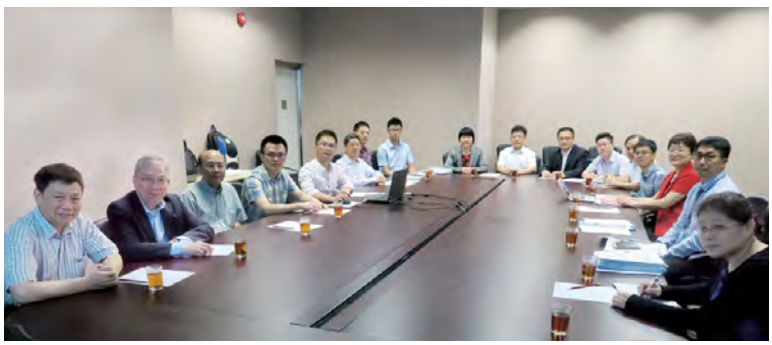
英國格拉斯哥大學醫學、牙醫與護理學院院長、心血管及醫學科學研究所臨床藥理學Matthew Walters教授，連同醫學、獸醫和生命科學學院國際事務主任Tom Evans教授到訪生物醫學學院，並與中大醫學院院長陳家亮教授和本學院成員會面。會上陳家亮教授向來賓簡介中大就合辦研究生課程所訂定的條款，及後由本院成員介紹各主題研究組的最新發展。雙方亦就能否合辦碩士課程討論。

Delegation from the Guangdong Hospital of Traditional Chinese Medicine (GD-TCM) (30 September 2016)

In 2016, the School and GD-TCM established 'The GD-TCM & SBS Translational Collaborative Innovation Grant 2016–17' to promote mutual research collaboration. Principal Investigators (PIs) of the SBS and their collaborative partners in GD-TCM jointly submitted collaborative research proposals for the grant. On 30 September 2016, Prof. Lue Yu-bo, Founding President of the GD-TCM Group led a delegation to visit the SBS and attended the presentation sessions on the selected projects presented by the respective teams. The meeting was followed by the visits to the laboratories of the collaborating PIs in the SBS, with further discussion on their funded projects.

廣東省中醫院代表團到訪（2016年9月30日）

2016年本學院與廣東省中醫院共同成立了「2016-17 GD-TCM與SBS轉化及協作研究創新補助金」，以助推動雙方的協作研究。本院的主研究員聯同其廣東省中醫院的協作夥伴提交了研究建議書，以申請有關補助金。廣東省中醫院創院院長呂玉波教授率領代表團於2016年9月30日到訪本學院及出席報告會議，聆聽各協作團隊介紹獲資助的研究項目。會後，參與協作研究的本院主研究員接待到訪團隊到其實驗室參觀，進一步討論獲資助項目的安排。



Signing of the MoU on the establishment of the CUHK–University of Southampton (UoS) Joint Laboratory for Stem Cell and Regenerative Medicine (13 October 2016)

Prof. Joseph J.Y. Sung, Vice-Chancellor and President of the CUHK and Prof. Sir Christopher Snowden, President and Vice-Chancellor of UoS, UK, signed an MoU on establishing the Joint Laboratory. This laboratory would be co-directed by Prof. Kenneth K.H. Lee, Managing Director of Core Laboratories and Chief of the Developmental and Regenerative Biology Thematic Research Program of the SBS, CUHK; and Prof. Richard Oreffo, Chair of Musculoskeletal Science and Director of the Centre for Human Development, Stem Cells and Regeneration, Faculty of Medicine, UoS.

With the primary focus on research in stem cell and regenerative medicine, the Joint Laboratory serves as a platform for strengthening academic connections between the two institutions through personnel exchanges, research collaboration and student training programmes.

簽署成立「香港中文大學—南安普頓大學幹細胞及再生醫學聯合實驗室」合作協議（2016年10月13日）

中大校長沈祖堯教授與英國南安普頓大學校長Sir Christopher Snowden教授簽署成立聯合實驗室的合作協議。此實驗室由本學院中心實驗室營運總監及「發育及再生生物學」主題研究組主任李嘉豪教授和南安普頓大學醫學院肌肉骨骼科學主任暨人類發展、幹細胞與再生中心總監Richard Oreffo教授共同管理。

聯合實驗室提供一個平台讓雙方藉著人員交流、科研合作和學生培訓計劃等項目，進一步鞏固兩校在幹細胞及再生醫學領域的學術聯繫。

Delegation to Universities in Southeast Asia (5 February 2017)

Prof. Chan Wai-yee, Director of the SBS, and Prof. Cho Chi-hin, Research Professor of the SBS, visited Chiang Mai University (CMU) in Thailand, the University of Putra Malaysia (UPM) and the University of Malaya (UM) in Malaysia. The visits aimed to explore academic and research collaboration and to promote our research postgraduate and undergraduate programmes.

During the visit to CMU, Professor Chan delivered a talk on 'Biomedical Sciences Research and Education in Hong Kong' to the participants, followed by a discussion of research interests and knowledge sharing between the two universities. A meeting with the Faculty management was also held to discuss possible academic and research collaboration.

On the following day, Professor Chan and Professor Cho visited the Department of Biomedical Science, UM, followed by another visit to the Department of Biomedical Science, UPM in the afternoon. In both visits, Professor Chan gave talks to introduce postgraduate and undergraduate studies of Biomedical Sciences in Hong Kong. This was the first time that our School visited the two universities, and both parties exchanged initial views on collaborations in research and student training.

訪問東南亞大學（2017年2月5日）

學院院長陳偉儀教授與研究教授曹之憲教授訪問泰國清邁大學、馬來西亞博特拉大學與馬來亞大學，旨在探索新的學術和科研合作機會，並推廣本院的研究生及本科生課程。

訪問清邁大學期間，陳教授以「香港的生物醫學研究和教育」為題發表演說，其後與參加者討論研究興趣和兩校的知識交流。兩位教授亦與學院管理層會面，探討院校間學術交流和協作研究的可能性。

翌日，兩位教授在上下午分別訪問了馬來亞大學和博特拉大學的生物醫學科學學系。到訪兩家大學時，陳教授同樣在演講中介紹香港生物醫學的研究生及本科生教育。此行乃本院首次訪問馬來亞大學與博特拉大學，本院教授與兩家大學就科研合作和學生交流培訓方面交換了初步意見。

Participation in Faculty's Delegation to Monash University, Australia (15 February 2017)

The School joined the delegation to Monash University, coordinated by the Faculty of Medicine, CUHK. They were welcomed by the key representatives in the Faculty of Medicine, Nursing and Health Sciences of Monash University including Prof. Ross Coppel, Deputy Dean and Director of Research and Prof. Nellie Georgiou-Karistianis, Associate Dean, Graduate Research, Faculty of Medicine, Nursing and Health Sciences; Prof. Peter Currie, Director of the Australian Regenerative Medicine Institute (ARMI); and Prof. Jeffrey Rosenfeld, Director of the Monash Institute of Medical Engineering (MIME). During the 3-day visit, they visited the research centres, exchanged research findings and discussed further collaboration in research and PhD training.

Stem Cell Biology and Regenerative Medicine was identified as one of the strategic research themes in the CUHK Strategic Plan for 2016–2020. We hope that our School can contribute to the establishment of a collaborative partnership between the two institutions, and help to reach new heights of excellence in these strategic research areas.

參與訪問團到訪澳洲蒙納士大學（2017年2月15日）

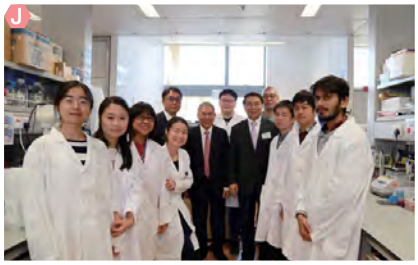
本院參與了由中大醫學院統籌的訪問團到訪澳洲蒙納士大學。蒙納士大學醫學、護理學及健康科學學院的代表，包括學院副院長及研究總監Ross Coppel教授、副院長（研究生研究）Nellie Georgiou-Karistianis教授、澳洲再生藥物研究所所長Peter Currie教授與蒙納士醫學工程研究所所長Jeffrey Rosenfeld教授，歡迎訪問團到來。在為期三天的訪問中，訪問團參觀了研究中心，交流最新的研究發現，以及討論進一步協作的形式，包括科研合作和博士生培訓計劃。

幹細胞生物學及再生醫學乃香港中文大學策略計劃2016–2020的其中一個重點策略研究範疇。本院期望能促進雙方建立協作夥伴關係，推動中大在有關策略中創建佳績。

Other Academic and Scientific Activities
其他學術聯繫活動

A	18–21/08/2016	Participation in the Symposium on Animal Models and Human Disease Mechanisms cum Postgraduate Research Day 2016 organised by the Kunming Institute of Zoology at the Chinese Academy of Sciences 中國科學院昆明動物研究所舉辦的動物模型與人類疾病機理學術論壇暨2016年研究生年會
B	06/09/2016	Visit of Prof. Wendy Erber, the University of Western Australia 澳洲西澳大學Wendy Erber教授到訪
C	19/09/2016	1st Academic Committee Meeting of the Ministry of Education Key Laboratory for Regenerative Medicine (The Chinese University of Hong Kong–Jinan University) 再生醫學教育部重點實驗室（香港中文大學—暨南大學）第一屆學術委員會會議
D	03/10/2016	Visit from the Korea University, South Korea 南韓高麗大學代表團到訪
	30/11/2016	Delegation visit from Peking University, China 中國北京大學代表團到訪
E	09/12/2016	Guangdong–Hong Kong Postgraduate Research Exchange and Symposium on Regenerative Medicine 2016 2016年粵港再生醫學研究生學術交流會
F	19/12/2016	The 9th Guangzhou International Conference on Stem Cell and Regenerative Medicine and the 5th Annual Conference of the Chinese Society for Regenerative Cell Biology 第九屆廣州國際幹細胞與再生醫學論壇暨第五屆中國再生細胞生物學年會
	12/03/2017	Participation in the Planning Meeting for the Establishment of the Guangdong Province Regenerative Medicine and Health Research Institute 廣東省再生醫學與健康聯合研究院建設方案研討會
G	09/05/2017	Visit of Scientists from HEC Pharm Co. Ltd., a Guangdong-based pharmaceutical company 製藥公司廣東東陽光藥業有限公司的研發人員到訪
H	25/09/2017	Visit of the Vice Minister of the Ministry of Science and Technology of China 國家科學技術部副部長到訪

I	10/10/2017	2nd Academic Committee Meeting of the Ministry of Education Key Laboratory for Regenerative Medicine (The Chinese University of Hong Kong–Jinan University) 再生醫學教育部重點實驗室（香港中文大學—暨南大學）第二屆學術委員會會議
J	01/12/2017	Visit of the President of the Chinese Academy of Sciences 中國科學院院長到訪
K	06/12/2017	Guangdong–Hong Kong Postgraduate Research Exchange and Symposium on Regenerative Medicine 2017 2017年粵港再生醫學研究生學術交流會
L	26/02/2018	Participation in the 2018 Frontiers in Zoology Symposium 2018動物學研究論壇
M	12/04/2018	Delegation from the Guangdong Provincial Department of Science and Technology 廣東省科學技術廳代表團到訪
N	19–22/04/2018	Delegation to Yantai, Shandong Province, China 學院代表團訪問山東省煙台市
O	10/05/2018	Visit of Delegates from Yantai Economic & Technological Development Area, Shandong, China 中國山東省煙台經濟技術開發區訪問團到訪
P	24/05/2018	Visit of the Guangzhou Institute of Biomedicine and Health, China 中國廣州生物醫藥與健康研究院代表團到訪
Q	16–17/06/2018	Visit to the Kunming Institute of Zoology, Chinese Academy of Sciences 訪問中國科學院昆明動物研究所
	30/06/2018	Participation in the First Greater Bay Area Conference on Cancer Immunotherapy 首屆大灣區腫瘤免疫治療高峰論壇



Community Outreach
連繫社群

Our School members have been reaching out to the local community to encourage public interest in the biomedical sciences since the formation of the School. This has been achieved through a wide range of activities including media coverage and press conferences.

自學院成立以來，本院成員一直致力連繫本地社群，藉著媒體報道、新聞發布會等廣泛的活動，提升公眾對生物醫學的興趣。

Electronic Media 電子媒體報道

School Member 學院成員	Topic (Programme/Media Name) 題目（相關節目 / 媒體名稱）	Broadcast Date (DD/MM/YYYY) 播放日期 (日 / 月 / 年)
Prof. Hector S.O. Chan Mr. Pasu K.L. Ng 陳新安教授 伍桂麟先生	精靈一點——無言身教（香港電台） Silent Teachers using their own bodies (RTHK)	04/04/2017
Prof. Kenneth K.H. Lee 李嘉豪教授	至FIT男女——至FIT醫療頭版：3D打印心臟組織（有線電視） 3D Bio-printing of heart tissue patches (Cable TV)	30/12/2017
	香港生物科技大時代來臨？（現代電視） Is Hong Kong embracing the big era of Biomedical Sciences? (FinTV)	25/05/2018
Mr. Pasu K.L. Ng 伍桂麟先生	無言老師之友——伍桂麟（影音使團） Silent Teachers' companion—Pasu Ng (Media Evangelism)	02/12/2016
	兄弟幫 第1893-1895集——從死亡看生命（無綫電視） Big Boys Club—Episodes 1893–1895—Learning about life through death (TVB)	01/08/2017-03/08/2017
	香港故事——邊緣探戈：無言．者（香港電台31） Hong Kong Stories: The ones who remain silent (RTHK TV31)	07/10/2017
	自在八點半（消費）：殯葬消費（香港電台31） 830 Magazine (Consumer Spending): Spending on funeral services (RTHK TV31)	27/03/2018

Prof. Hector Chan and Mr. Pasu Ng attend an interview at RTHK
陳新安教授和伍桂麟先生接受香港電台節目《精靈一點》訪問


Prof. Kenneth Lee (Interview by FinTV)
李嘉豪教授（現代電視訪問）


Prof. Kenneth Lee (Interview by Cable TV)
李嘉豪教授（有線電視訪問）

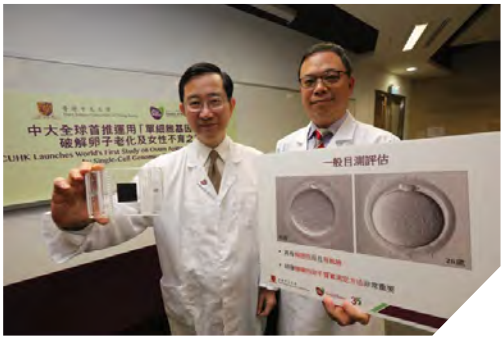
Printed and Online Media 印刷及網上媒體報道

School Member 學院成員	Article Topic (Media Name) 文章題目（相關媒體名稱）	Publication Date (DD/MM/YYYY) 出版日期 （日 / 月 / 年）
Prof. Hector S.O. Chan 陳新安教授	逾萬人登記做「無言老師」 16%無告知家人（蘋果日報） More than 10,000 people registered for Silent Teachers. 16% have not informed their families (Apple Daily)	14/12/2016
	中大解剖室主管：「無言老師」成就了醫科生（TOPick） Every day Silent Teachers help medical students to succeed, says the Dissecting Laboratory Coordinator, CUHK (TOPick)	04/01/2017
	媽媽變無言老師　延續無私的愛（香港經濟日報） A mother's selfless love endures as she becomes a Silent Teacher (HK Economic Times)	15/05/2017
Prof. Chan Wai-yee 陳偉儀教授	填補科技與商業斷層　中大生物醫學學院　放眼大灣區（星島日報） Filling in the gap between technology and commerce, the School of Biomedical Sciences, CUHK is focusing on the Greater Bay Area (Sing Tao Daily)	12/02/2018
	中大生物醫學學院　科研放眼大灣區（頭條日報） The School of Biomedical Sciences, CUHK is focusing on the Greater Bay Area for scientific research (Headline Daily)	02/03/2018
	填補科技與商業斷層　中大生物醫學學院　放眼大灣區（JobMarket） Filling in the gap between technology and commerce, the School of Biomedical Sciences, CUHK is focusing on the Greater Bay Area (JobMarket)	16/03/2018
	中大基因專家：港宜助內地提升醫護質素（HK01） Hong Kong should assist the Mainland in uplifting its medical standards, according to a genetic specialist from CUHK (HK01)	07/05/2018
	陳偉儀倡多管齊下　為學術成果應用鋪路　私企投資科研轉化應免稅（大公報） Chan Wai-yee advocates multiple ways to help turn academic success into practical use, and suggests offering tax waivers to private enterprises that invest in translational research (Ta Kung Pao)	28/05/2018
Prof. Huang Yu 黃聿教授	中大研究指心血管藥物或可治療腫瘤（香港經濟日報） CUHK's research indicates that cardiovascular medicines may cure some cancers (HK Economic Times)	13/12/2016
	透過動脈有望提前抗癌（英文虎報） Cancer-fight hope in advance through arteries (The Standard)	14/12/2016
	三地聯手　解構致動脈粥樣硬化因子（東方日報） Three regions collaborate to investigate an effector leading to atherosclerosis (Oriental Daily News)	14/12/2016
Prof. Ke Ya and Prof. Yung Wing-ho 柯亞教授和容永豪教授	中大研究認識神經疾病　拆解大腦學動作原理（am730） CUHK's research gains understanding of neurological diseases to unveil how the brain learns motor skills (am730)	05/07/2017
	中大拆解大腦學動作原理（文匯報） CUHK discovers the theory of how the brain learns motor skills (Wen Wei Po)	05/07/2017
	中大「蔡永業中心」拆解動作記憶（成報） CUHK's Gerald Choa Neuroscience Centre discovers motor skill memory (Sing Pao Daily News)	05/07/2017

School Member 學院成員	Article Topic (Media Name) 文章題目（相關媒體名稱）	Publication Date (DD/MM/YYYY) 出版日期 （日 / 月 / 年）
Prof. Kenneth K.H. Lee 李嘉豪教授	新染色藥水尋幹細胞（明報） In search of stem cells using novel florescent stem cell specific dye (Ming Pao)	18/06/2018
	中大研幹細胞溝「墨水」打印心臟組織（明報） CUHK researches 3D bio-printing human heart tissues by mixing human pluripotent stem cells with 3D bioink (Ming Pao)	18/06/2018
Prof. Lee Tin-lap 李天立教授	大學為香港女性推出全球首個卵子測試（南華早報） University launches world first ovum test for Hong Kong women (South China Morning Post)	29/11/2016
	有助解決女性不育　基因技術　查出卵子老化（am730） Genomics technology identifies ageing ova to resolve female infertility (am730)	30/11/2016
	中大新基因技術　分析卵子老化（東方日報） CUHK's new genomics technology analyses ovum ageing (Oriental Daily News)	30/11/2016
	中大徵卵子　研老化不孕成因（蘋果日報） CUHK recruits ova for ageing and infertility study (Apple Daily)	30/11/2016
	卵子也「驗身」揪出衰老基因（香港經濟日報） Ovum examination to identify ageing genes (HK Economic Times)	30/11/2016
	首個全方位卵子捐贈計劃　研究生育能力（英文虎報） Think it ova, say doctors in first donor fertility study (The Standard)	30/11/2016
Mr. Pasu K.L. Ng 伍桂麟先生	香港防腐師接受的圖像藝術訓練　如何有助其修復遺體工作（南華早報） How Hong Kong embalmer's graphic artist training helps him beautify bodies (South China Morning Post)	17/04/2017
	遺體防腐師從死看生　活好當下　伍桂麟推「無言老師」捐贈文化（明報） An embalmer who learns from death and values the current moment of living, Pasu Ng promotes the donation culture of Silent Teachers (Ming Pao)	24/05/2017
	自殺者教曉我們的一堂生死課——專訪遺體防腐師伍桂麟（立場新聞） A life-and-death lesson learned from suicide victims—an interview with Pasu Ng, an embalmer (Stand News)	24/05/2018

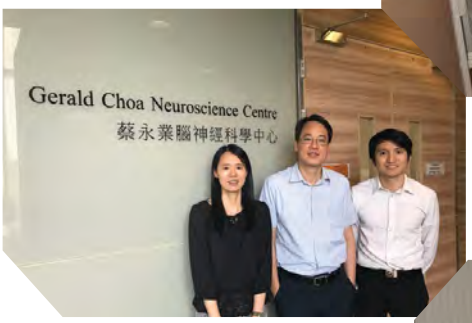
Press Conferences/Press Releases Introducing New Findings by SBS Members
學院成員透過新聞發布會 / 新聞稿介紹新研究發現

SBS and *non-SBS* members 學院與*非學院*成員	Press Conference Title 新聞發布會名稱	Date (DD/MM/YYYY) 日期 (日 / 月 / 年)
Prof. Lee Tin-lap and *Prof. Li Tin-chiu, Department of Obstetrics and Gynaecology, Faculty of Medicine, CUHK* 李天立教授和*中大醫學院婦產科學系李天照教授*	中大推全球首項運用「單細胞基因技術」檢測卵子質素研究 破解卵子老化及女性不育之謎 CUHK launches world's first study on ovum ageing and female infertility by using single-cell genomics technology	29/11/2016
Prof. Huang Yu and his team 黃聿教授及其團隊	中大公布「動脈粥樣硬化」形成新發現 揭示心血管疾病治療新方向 CUHK-led study reveals novel mechanism for the development of atherosclerosis Setting new treatment directions to cardiovascular diseases	13/12/2016
Prof. Ke Ya and Prof. Yung Wing-ho 柯亞教授和容永豪教授	中大「蔡永業腦神經科學中心」破解大腦學習動作技能原理 CUHK's Gerald Choa Neuroscience Centre unveils mystery of how brain learns motor skills	04/07/2017
Prof. So Hon-Cheong 蘇漢昌教授	中大團隊提出以生物信息方法重新定位藥物 抗炎降血脂藥或能治精神病 CUHK proposes bioinformatics approach to reposition drugs Anti-inflammatory and lipid-lowering agents may treat psychiatric disorders	20/08/2017
Prof. Stephen K.W. Tsui, Prof. Vivian W.Y. Lui and *Prof. Hextan Y.S. Ngan, The University of Hong Kong* 徐國榮教授、呂偉欣教授及*香港大學顏婉嫦教授*	中大港大合作開展復發性卵巢癌藥物基因組學研究 免費為百名本地病人提供分析 CUHK–HKU study on multi-gene mutation-drug matching for recurrent ovarian cancer patients providing free pharmacogenomic analysis for 100 patients in Hong Kong	07/12/2017



(From right) Prof. Lee Tin-lap and Prof. Li Tin-chiu
（右起）李天立教授和李天照教授

(From right) Prof. Huang Yu and Dr. Wang Li, Postdoctoral Fellow
（右起）黃聿教授及博士後研究員王力博士



Prof. Ke Ya (left) and
Prof. Yung Wing-ho (centre)
柯亞教授（左）和容永豪教授（中）

(From right) Prof. Vivian Lui, Prof. Stephen Tsui and their collaborator, Prof. Hextan Ngan
（右起）呂偉欣教授、徐國榮教授及其合作夥伴顏婉嫦教授

Prof. So Hon-cheong
蘇漢昌教授

Societal Contributions through Experience Sharing
分享經驗 回饋社會

Visits by Primary and Secondary School Students

During the period of this report, four groups of primary and secondary school students visited the School at the Lo Kwee-Seong Integrated Biomedical Sciences Building and were given guided tours of our Core Laboratories. They also took part in hands-on experiments and interactive activities to enhance the understanding of and interest in biomedical sciences.

中小學生參觀

在報告年度期間，四組中小學生團體獲安排到訪羅桂祥綜合生物醫學大樓，參觀本院各中心實驗室，並親身體驗簡單實驗和互動活動，以加強其對生物醫學的了解及興趣。

01/11/2016

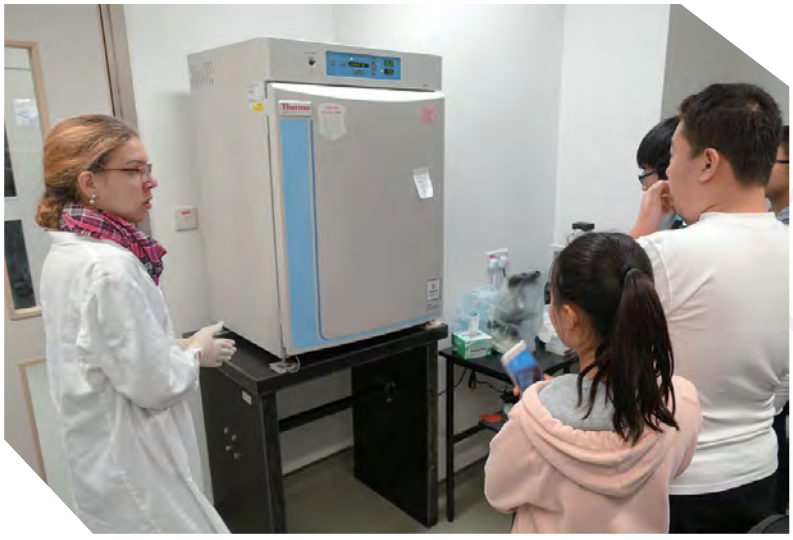
Primary 5 students of Japanese International School
香港日本國際學校小五學生

01/04/2017

24 Secondary 1 to 6 students joining an activity at the HK SciFest 2017 organised by the Hong Kong Science Museum
24名參與香港科學館香港科學節2017的中一至中六學生

21/11/2017

20 students from St Paul's Co-Educational College
20位聖保羅男女中學的學生



29/12/2017

14 secondary school students joining the Winter Program for the Gifted and Talented 2017, CUHK
14名參加中大冬季資優課程2017的中學生

Body Donation Programme and Public Education

The Dissecting Laboratory started the Silent Teachers Body Donation Programme in 2011. Since then we have received overwhelming support from the community, in terms of the number of bodies received for medical education, and monetary donations to support the programme and to improve anatomy teaching and research.

The Dissecting Laboratory continued to organise talks on the body donation programme and receive visits from schools, non-governmental organisations (NGOs) and other organisations, aiming at promoting the programme to visitors from all walks of life.

遺體捐贈計劃及公眾教育

學院解剖實驗室2011年開展「無言老師」遺體捐贈計劃，得到社會各界的支持，接收到用於醫學教育的遺體數目，以及捐款不斷上升，有助支持計劃推行，並改善解剖教學和研究。

解剖實驗室持續舉辦關於遺體捐贈計劃的講座，並安排學校、非政府組織和其他團體參觀，向社會各界人士宣傳計劃。

The Dissecting Laboratory receives a visit from a secondary school
解剖實驗室接待中學參觀團

Scholarly Recognitions
學術成就

In the past two years, our School members continued to outperform in their research expertise areas, and were highly acknowledged by national and international institutions and organisations with various forms of recognition.

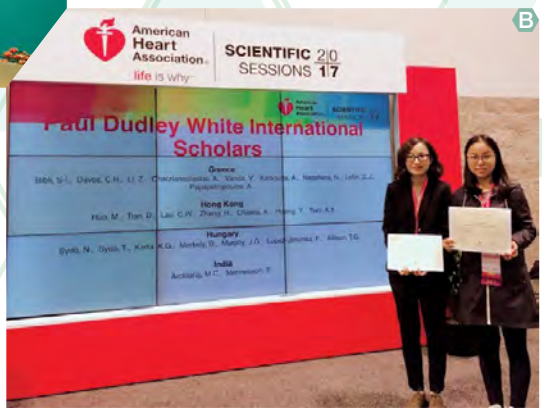
學院成員於過去兩年在各自的研究領域中繼續有出色的表現，並獲海內外學術機構及團體的高度肯定。

Academic Honours
學術榮譽

Prof. Chen Yangchao 陳揚超教授	Outstanding Young Investigator Award, Pancreatic Cancer Committee, Chinese Anti-cancer Association 中國抗癌協會胰腺癌專業委員會傑出青年學者獎
Prof. Alfred S.L. Cheng 鄭詩樂教授	Asa Briggs Visiting Fellowship, University of Sussex, United Kingdom 英國薩塞克斯大學阿薩．布里格斯訪問學人獎
Prof. Huang Yu 黃聿教授	Research Excellence Award 2016–2017, The Chinese University of Hong Kong 香港中文大學2016–2017年度傑出研究學者獎
Prof. Huang Yu and Prof. Tian Xiaoyu 黃聿教授及田小雨教授 A	Second-class Award, 2017 State Natural Sciences Award, Ministry of Education, China 中國國家教育部2017年度國家自然科學獎二等獎
Dr. Willmann Liang 梁偉文博士	Pharmacology Educators Travel Award, The American Society for Pharmacology and Experimental Therapeutics 美國藥理與實驗治療學會Pharmacology Educators Travel Award
Prof. Tian Xiaoyu and her research team, including Miss Huo Mingyu, PhD Student 田小雨教授及其研究團隊，包括哲學博士生霍明宇小姐 B	Paul Dudley White International Scholars, Scientific Sessions 2017, American Heart Association 美國心臟協會2017年會Paul Dudley White國際學者獎
Prof. Wan Chao 萬超教授	Year 2016 Excellent Personnel, Award of Obtaining Guangdong Provincial Science and Technology Grant, Shenzhen Science, Technology and Innovation Commission 深圳市科技創新委2016年度省級科技項目獎先進個人獎

A

B



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其他本地及海外著名院校 / 機構專業評審或顧問服務

Prof. Chan Wai-yee 陳偉儀教授	**Admission Panel Member 評審委員** Incu-Bio Incubation Programme, Hong Kong Science and Technology Parks Corporation, Hong Kong 香港科技園生物科技創業培育計劃 **Board of Directors 理事** Joshua Hellmann Foundation for Orphan Diseases, Hong Kong 香港夏約書孤兒症基金會

Prof. Chan Wai-yee 陳偉儀教授	**Consultant 顧問** Academic and Technical Committee, National Research Center for Assisted Reproductive Technology and Reproductive Genetics, Shandong, China 中國山東國家輔助生育技術與生殖遺傳研究中心學術與技術委員會 Yantai Biopharmaceutical Enterprise Development Office, Shandong, China 中國山東煙台市生物醫藥產業發展辦公室 Medical Education Council, Shandong University, China 中國山東大學醫學教育委員會 **Council Member 理事會成員** Hong Kong Institution of Science, Hong Kong 香港科學會 The Shaw Prize, Hong Kong 香港邵逸夫獎 **Panel Member 小組成員** Health Science Panel, Research Assessment Exercise 2020, Research Grant Council, University Grants Committee, Hong Kong 香港大學教育資助委員會研究資助局2020年研究評審工作健康科學小組 **Evaluation Panel Member 評估小組成員** Soft-landing Program, Hong Kong Science and Technology Parks Corporation, Hong Kong 香港科技園軟著陸計劃 **Executive Director 執行理事** Association of Chinese Geneticists in America, USA 美州華人遺傳學家協會 **Expert 專家** Hong Kong Science & Technology Experts Bank, Beijing–Hong Kong Academic Exchange Centre 京港學術交流中心香港科研專家庫 **Member 成員** Steering Group, Karolinska Institutet Ming Wai Lau Centre of Reparative Medicine, Hong Kong 香港Karolinska Institutet劉鳴煒復修醫學中心指導委員會 **Special Advisor to the Chancellor 校監特聘顧問** The Macau Millennium College, Macau 澳門中西創新學院 **Specialist 專家** Hong Kong Council for Accreditation of Academic & Vocational Qualifications, Hong Kong 香港學術及職業資歷評審局
Prof. Chen Yangchao 陳揚超教授	**External Reviewer 校外評審委員** PhD Thesis Assessment Committee, The University of Macau, Macau 澳門大學博士課程論文評審委員會 Academic Promotion, The University of Macau, Macau 澳門大學學術晉升評審委員會
Prof. Kenneth K.H. Lee 李嘉豪教授	**Member 成員** Industry Advisory Committee, Australian Regenerative Medicine Institute, Australia 澳洲再生醫學研究所行業諮詢委員會
Prof. Leung Po-sing 梁寶成教授	**External Assessor 校外評審委員** University of Malaya, Malaysia 馬來西亞馬來亞大學
Prof. Lee Tin-lap 李天立教授	**Reviewer 評審委員** Admission Panel of Technology Business Incubation Programme, Hong Kong Science and Technology Parks Corporation 香港科技園創業培育計劃評審委員會
Prof. Lin Ge 林鴿教授	**External Assessor 校外評審委員** Academic Staff Promotion, The Hong Kong Baptist University, Hong Kong 香港浸會大學學術人員晉升事宜 Academic Staff Promotion, The Macau University of Science and Technology, Macau 澳門科技大學學術人員晉升事宜 Academic Staff Promotion, Zhejiang University, China 中國浙江大學學術人員晉升事宜
Prof. Yung Wing-ho 容永豪教授	**Expert Reviewer 專家評審委員** Centre for Cognition and Sociality, Institute for Basic Science, South Korea 韓國基礎科學研究院認知與社會中心

Honorary Professorial Appointment
榮譽教授委任

Prof Andrew M. L. Chan 陳文樂教授	**Guest Professor 客座教授** Southwest Medical University, China 中國西南醫科大學
Prof. Hector S.O. Chan 陳新安教授	**Visiting Professor 訪問教授** Shantou University Medical College, China 中國汕頭大學醫學院
Prof. Chan Wai-yee 陳偉儀教授	**Adjunct Professor 客座教授** Department of Biochemistry and Molecular & Cellular Biology, Georgetown University, Washington, D.C., USA 美國華盛頓哥倫比亞特區喬治城大學生物化學、分子和細胞生物學系 **Distinguished Professor 特聘教授** Guangzhou Institute of Biomedicine and Health, Chinese Academy of Sciences, China 中國科學院廣州生物醫藥與健康研究院 **Guest Investigator 客座研究員** Chinese Academy of Sciences, Yantai Coastal Zone Research Institute, Shandong, China 中國科學院山東煙台海岸帶研究所 **Guest Professor 客席教授** Faculty of Medicine, Zhejiang University, China 中國浙江大學醫學院 Shandong University, China 中國山東大學 **Honorary Professor 名譽教授** Chongqing Medical University, China 中國重慶醫科大學 Faculty of Life Science and Technology, Jinan University, China 中國暨南大學生命科學技術學院 **Special Appointed Professor 特聘教授** Ningxia Medical University, China 中國寧夏醫科大學 **Special Professor 特約教授** Faculty of Medicine, Shenzhen University, China 中國深圳大學醫學院
Prof. Chen Yangchao 陳揚超教授	**Ambassador for Recruiting Talents 招才大使** Yongzhou Municipal Government, Hunan Province, China 中國湖南省永州市人民政府 **Special Consultant of Technology 特聘科技顧問** Jilin Municipal Government, Jilin Province, China 中國吉林省吉林市人民政府 **Xinglin Chair Professor (Honorary) 杏林講座教授（榮譽）** Guangzhou University of Traditional Chinese Medicine, China 中國廣州中醫藥大學
Prof. Alfred S.L. Cheng 鄭詩樂教授	**Visiting Professor 客座教授** Southwest Medical University, China 中國西南醫科大學
Prof. Vincent C.K. Cheung 張智鈞教授	**Adjunct Assistant Professor 客座助理教授** The Hong Kong University of Science and Technology, Hong Kong 香港科技大學 **Associate Faculty Member 學院聯繫成員** Division of Biomedical Engineering, The Chinese University of Hong Kong, Hong Kong 香港中文大學生物工程學系
Prof. Feng Bo 馮波教授	**Guest Investigator 客席研究員** Guangdong Laboratory Animals Monitoring Institute, Guangzhou, China 中國廣州廣東省實驗動物監測所 Shenzhen People's Hospital, 2nd Clinical Medical College of Jinan University, China 中國深圳市人民醫院暨南大學第二臨床醫學院 **Guest Professor 客席教授** Guangzhou Institute of Biomedicine and Health, Chinese Academy of Sciences, China 中國科學院廣州生物醫藥與健康研究院
Prof. Jiang Xiaohua 蔣曉華教授	**Visiting Professor 訪問教授** Children's Hospital, Chongqing Medical University, China 中國重慶醫科大學兒童醫院 Guangdong Medical University , China 中國廣東醫科大學

Prof. Lee Tin-lap 李天立教授	**Associate Professor 副教授** CUHK–BGI Innovation Institute of Trans-omics, Hong Kong 香港中文大學—華大基因跨組學創新研究院
Dr. Willmann Liang 梁偉文博士	**Adjunct Assistant Professor 客座助理教授** Tunghai University, Taiwan 台灣東海大學
Prof. Lin Ge 林鴿教授	**Honorary Professor 名譽教授** Guangzhou University of Traditional Chinese Medicine, China 中國廣州中醫藥大學 Translational Medicine Research and Development Centre, Institute of Biomedical and Health Sciences, Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences, China 中國科學院深圳先進技術研究院生物醫學與健康科學研究所轉化醫學研發中心 **Visiting Professor 訪問教授** Shanghai Institute of Materia Medica, Chinese Academy of Sciences, China 中國科學院上海藥物研究所
Prof. Stephen K.W. Tsui 徐國榮教授	**Visiting Professor 客座教授** Shenzhen University, China 中國深圳大學
Prof. Wan Chao 萬超教授	**Guest Investigator 客席研究員** Institute of Integrative Medicine, Fudan University Huashan Hospital, China 中國復旦大學附屬華山醫院中西醫結合研究所 Institute of Spinal Diseases, Shanghai University of Traditional Chinese Medicine, China 中國上海中醫藥大學脊柱病研究所 **Guest Professor 客席教授** Guangzhou Institute of Biomedicine and Health, Chinese Academy of Sciences, China 中國科學院廣州生物醫藥與健康研究院 **Senior Investigator 高級研究員** Research Centre of Shi Xiaoshan Traumatology, Longhua Hospital, Shanghai University of Traditional Chinese Medicine, China 中國上海中醫藥大學附屬龍華醫院石筱山傷科學術研究中心

Achievements of Students and Postdoctoral Fellows
學生及博士後研究員成就

Student's Name (Supervisor) 學生姓名（相關導師）	Award and Honour Received 所獲獎項與榮譽
Ms. Cao Dandan, PhD Student (Prof. Chan Wai-yee) 哲學博士生曹丹丹小姐（陳偉儀教授）	First Prize of Oral Presentation, Guangdong–Hong Kong Postgraduate Research Exchange and Symposium on Regenerative Medicine 2016 2016粵港再生醫學研究生學術交流論壇口頭報告一等獎
Ms. Chung Cheuk-yiu, Tenny, PhD Student (Prof. Kenneth K.H. Lee) 哲學博士生鍾焯堯小姐（李嘉豪教授）	First Prize of Oral Presentation, Guangdong–Hong Kong Postgraduate Research Exchange and Symposium on Regenerative Medicine 2017 2017粵港再生醫學研究生學術交流論壇口頭報告一等獎
Mr. Cheung Ka-wing, PhD Student (Prof. Alfred S.L. Cheng) 哲學博士生張家榮先生（鄭詩樂教授）	Distinguished Honor Award, 2017 Speech Contest of Cross-Strait Symposium on Biomedical Sciences, National Tsing Hua University 國立清華大學2017年兩岸三地生命科學文化節演講比賽特優
Ms. Marina Dukhinova, PhD Student (Prof. Eugene Ponomarev) 哲學博士生Marina Dukhinova小姐（龐佑信教授）	First prize of poster presentation, Symposium on Animal Models and Human Disease Mechanism Symposium cum Postgraduate Research Day 2016, Kunming Institute of Zoology, Chinese Academy of Sciences 中國科學院昆明動物研究所「動物模型與人類疾病機理學術論壇」暨2016年研究生年會牆報報告一等獎 First Prize for Oral Presentation, The Future of Biomedicine 2017 Conference, Far Eastern Federal University, Vladivostok, Russia 俄羅斯海參崴遠東聯邦大學2017年生物醫學未來會議口頭報告一等獎
Dr. He Xiangjun, PhD graduate (Prof. Feng Bo) 哲學博士畢業生何向軍博士（馮波教授）	Postgraduate Research Output Award 2016, The Chinese University of Hong Kong 香港中文大學2016年度研究生學術成果獎
Mr. Michael W.H. Ho, PhD Student (Prof. Kwan Yiu-wa) 哲學博士生何偉雄先生（關耀華教授）	Poster Presentation Award, Postgraduate Student Exchange Session, INFECTION 2018, Stanley Ho Centre for Emerging Infectious Diseases (CEID), The Chinese University of Hong Kong 香港中文大學何鴻燊防治傳染病研究中心INFECTION 2018研究生交流會牆報報告獎
Dr. Ma Jiang, Postdoctoral Fellow (Prof. Lin Ge) 博士後研究員馬江博士（林鴿教授）	First Place of Postdoctoral Poster Award, Experimental Biology 2018, San Diego, USA 美國聖地牙哥2018實驗生物學大會博士後牆報獎第一名

Ms. Li Lu, PhD Student (Prof. Chan Wai-yee) 哲學博士生黎律小姐（陳偉儀教授）	First Prize of Poster Presentation, Symposium on Animal Models and Human Disease Mechanism Symposium cum Postgraduate Research Day 2016, Kunming Institute of Zoology, Chinese Academy of Sciences 中國科學院昆明動物研究所「動物模型與人類疾病機理學術論壇」暨2016年研究生年會牆報報告一等獎
Ms. Li Wenling, PhD Student (Prof. Kingston K.L. Mak) 哲學博士生李文玲小姐（麥經綸教授）	First Prize of Poster Presentation, Guangdong–Hong Kong Postgraduate Research Exchange and Symposium on Regenerative Medicine 2016 2016粵港再生醫學研究生學術交流論壇牆報報告一等獎
Mr. Lin Nansheng, PhD Student (Prof. Alisa S.W. Shum) 哲學博士生林南生先生（沈秀媛教授）	Excellent Award in 2017 Speech Contest of Cross-strait Symposium on Biomedical Sciences, National Tsing Hua University 國立清華大學2017年兩岸三地生命科學文化節演講比賽優選
Mr. Bruce T.K. Pang, PhD Student (Prof. Wan Chao) 哲學博士生彭德強先生（萬超教授）	50 Most Innovative Project, HKXF FYP+ Scheme, Hong Kong 科創香港基金會前50名最具創新項目獎 Innovation Award & Second-class Award in Life Sciences (Innovation Category), "Challenge Cup" National Competition Hong Kong Regional Final—Hong Kong University Student Innovation and Entrepreneurship Competition 2018 「挑戰盃」全國賽香港區選拔賽——香港大學生創新及創業大賽2018創新項目專項獎及生命科學組別二等獎
Ms. Tam Tsz-kwan, PhD Student (Prof. Alisa S.W. Shum) 哲學博士生譚梓君小姐（沈秀媛教授）	First Award, SBS Postgraduate Research Day 2016, The Chinese University of Hong Kong 香港中文大學2016生物醫學學院研究生日一等獎 First Prize in Presentation in Symposium on "Animal Models and Human Disease Mechanisms", Chinese Academy of Sciences Kunming Institute of Zoology 中國科學院昆明動物研究所「動物模型與人類疾病機理學術論壇」學術報告一等獎
Ms. Yana A. Venerina, PhD Student (Prof. Eugene Ponomarev) 哲學博士生Yana A. Venerina小姐（龐佑信教授）	Best Poster Award, IV International Translational Science Conference "Road to Science", Moscow State University, Russia 俄羅斯莫斯科國立大學第四屆國際轉化科學會議「通往科學之路」最佳牆報獎
Ms. Wang Lin, PhD Student (Prof. Wan Chao) 哲學博士生王琳小姐（萬超教授）	Third Prize, 2018 ICMRS Young Investigator Best Paper Award, The 12th International Congress on Orthopaedic Advanced Techniques and Clinical Translational Research, International Chinese Musculoskeletal Research Society 國際華人骨研學會第12屆上海國際骨科前沿技術與臨床轉化學術會議2018青年學者獎三等獎
Mr. Wang Zitian, PhD Student (Prof. Woody W.Y. Chan) 哲學博士生王子天先生（陳活彝教授）	First Award, SBS Postgraduate Research Day 2017, The Chinese University of Hong Kong 香港中文大學2017生物醫學學院研究生日一等獎
Mr. Wong Chi-hin, PhD Student (Prof. Chen Yangchao) 哲學博士生黃智軒先生（陳揚超教授）	Third-class Award (Innovation Category), "Challenge Cup" National Competition Hong Kong Regional Final—Hong Kong University Student Innovation and Entrepreneurship Competition 2017 「挑戰盃」全國賽香港區選拔賽——香港大學生創新及創業大賽2017創新項目三等獎 Travel Award Grant, Pancreas 2017 and Latin American Pancreatic Study Group (LAPSG) Young Investigator Travel Award, The 21th Annual Meeting of International Association of Pancreatology 國際胰腺病學會第二十一屆年會青年研究學者獎
Mr. Yan Mingfei, PhD Student (Prof. Andrew M.L. Chan) 哲學博士生閆明飛先生（陳文樂教授）	Best Oral Presentation Award, The 8th National University of Singapore (NUS) Frontier in Cancer Science 2016 新加坡國立大學第八屆癌症研討會最佳口頭報告獎
Mr. Zhao Kai, PhD Student (Prof. Wan Chao) 哲學博士生趙凱先生（萬超教授）	First Prize of Poster Presentation, Guangdong–Hong Kong Postgraduate Research Exchange and Symposium on Regenerative Medicine 2017 2017粵港再生醫學研究生學術交流論壇牆報報告一等獎
Dr. Zhou Jingying, Postdoctoral Fellow (Prof. Alfred S.L. Cheng) 博士後研究員周京穎博士（鄭詩樂教授）	Top Winning Proposal, AstraZeneca Pre-clinical Oncology Research Programme 2017 2017香港阿斯利康臨床前腫瘤研究計劃最佳獲獎提案 National Scholar Award, the United European Gastroenterology Week 2016 2016年歐洲聯合胃腸病學周國家學者獎 2017 AAI Trainee Abstract Award in Immunology 2017, The American Association of Immunologists 2017美國免疫學家聯會實習生論文摘要獎

Graduates' Achievements
畢業生成就

Graduate's Name (Supervisor) 畢業生姓名（相關導師）	Award and Key Position Obtained 所獲獎項與主要職位
Dr. Dai Zhuojun, PhD Graduate (Prof. Wan Chao) 哲學博士畢業生戴卓君博士（萬超教授）	Associate Professor, Shenzhen Institute of Advanced Technology, China Academy of Sciences, Shenzhen, China 中國科學院深圳先進技術研究院副教授
Dr. Li Man-shan, PhD Graduate (Prof. Stephen K.W. Tsui) 哲學博士畢業生李旻珊博士（徐國榮教授）	Vice President (Operation), Prenetics Inc., Hong Kong Prenetics Inc., Hong Kong 副總裁（營運）
Dr. Walfred Tang, MPhil Graduate (Prof. Alisa S.W. Shum) 哲學碩士畢業生鄧渙聰博士（沈秀媛教授）	Croucher Fellowship for Postdoctoral Research, Croucher Foundation 裘槎基金會裘槎博士後研究獎學金

Mr. Bruce Pang (2nd from left) wins Innovation Award (Innovation Category) at "Challenge Cup" National Competition Hong Kong Regional Final 2018

彭德強先生（左二）獲頒「挑戰盃」全國賽香港區選拔賽2018「創新項目專項獎」

Dr. Zhou Jingying receives National Scholar Award, the United European Gastroenterology Week 2016 (left photo) and Top Winning Proposal, AstraZeneca Pre-clinical Oncology Research Programme 2017 (right photo)

周京穎博士榮獲2016年歐洲聯合胃腸病學周國家學者獎（左方照片）及2017香港阿斯利康臨床前腫瘤研究計劃最佳獲獎提案（右方照片）

Awardees and prize presenters, including Prof. Wan Chao (1st from left) and Ms. Chung Cheuk-yiu, Tenny (2nd from right) of Guangdong–Hong Kong Postgraduate Research Exchange and Symposium on Regenerative Medicine 2017

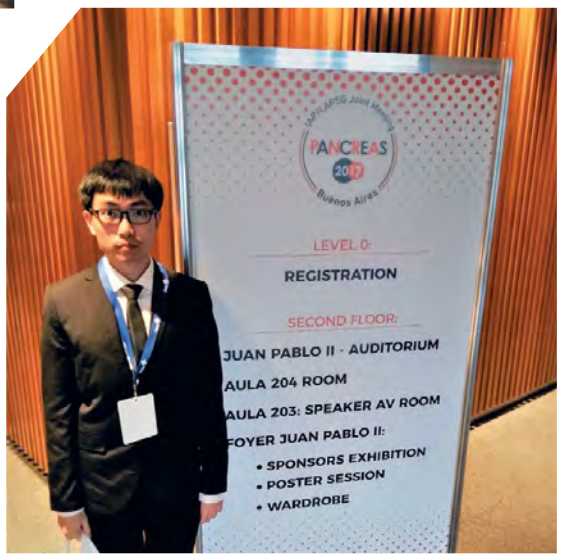
2017年粵港再生醫學研究生學術交流會得獎者與頒獎嘉賓合照，包括萬超教授（左一）及鍾焯堯小姐（右二）

Dr. He Xiangjun (middle), awardee of Postgraduate Research Output Award 2016, CUHK, with his supervisor, Prof. Feng Bo (right) and Prof. Woody W.Y. Chan (left)

2016年度研究生學術成果獎得獎者何向軍博士（中）與其導師馮波教授（右）和陳活彝教授（左）

Mr. Wong Chi-hin receives Travel Award Grant, Pancreas 2017 and Latin American Pancreatic Study Group

黃智軒先生榮獲Travel Award Grant, Pancreas 2017 and Latin American Pancreatic Study Group獎項



Mr. Michael Ho (right) receives Poster Presentation Award, INFECTION 2018 from Prof. Joseph J.Y. Sung (left), Founding Director and Advisor of CEID

中大何瀾燊防治傳染病研究中心始創總監及顧問沈祖堯教授（左）頒授INFECTION 2018牆報報告獎予何偉雄先生（右）

Dr. Walfred Tang (right) receives Croucher Fellowship for Postdoctoral Research, Croucher Foundation

鄧渙聰博士（右）榮獲裘槎基金會裘槎博士後研究獎學金

The Way Ahead
展望未來

As we continue to grow, one of our main goals will be to support our students with enhanced levels of teaching and more opportunities. At the same time we will be extending our research capabilities within the University, and with local and overseas universities and research institutions to explore more joint programmes for interdisciplinary and translational research.

隨著學院不斷發展，我們將致力為學生提供優質教育和更多學習及發展機會，並以此為其中一項重要目標。同時，本院會繼續提升研究實力，尋求與大學內其他學系及研究單位，以至本地和海外大學及研究機構協作，開展更多跨學科和轉化研究的合作計劃。

Strategic Development in Translational Biomedicine Research

In the CUHK 2016–2020 Strategic Plan, Translational Biomedicine is identified as one of the four Strategic Research Areas. The School will continue to make great strides in this regard by pursuing more multidisciplinary research with the Faculty of Medicine and the University.

We will consolidate our connections with the clinical departments under the Faculty of Medicine and other related departments to improve collaboration among the different sectors of the research community. One of our main focuses will be to keep exploring opportunities to establish joint laboratories and centres to investigate problems that have a clinical potential for the future.

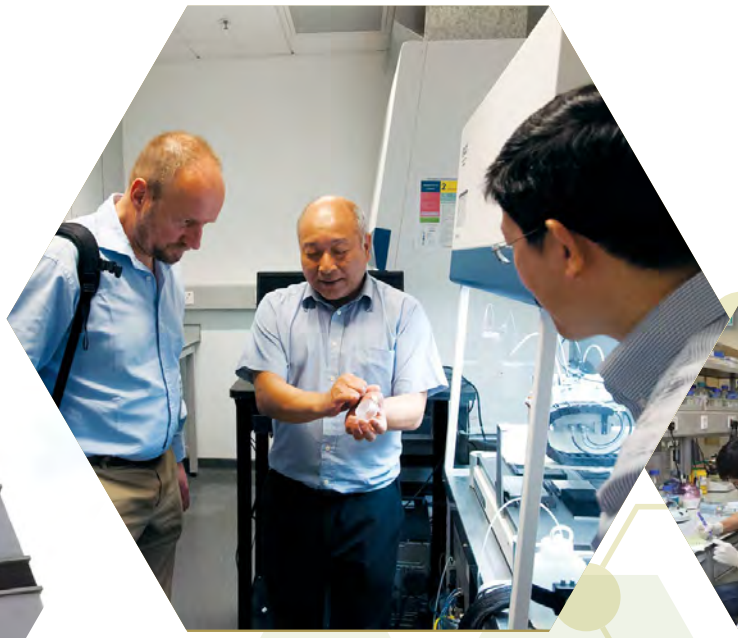
We will also seek more opportunities to cooperate with biotechnology and biopharmaceutical companies. In this regard, we plan to hire more renowned biomedical scientists, and promising young researchers to increase our competitiveness for long-term and sustainable development.

轉化醫學研究的策略發展

在香港中文大學《2016–2020策略計劃》中，轉化醫學獲選定為四大策略性研究領域之一。透過與醫學院和中大其他學系進行更多的跨學科研究，本院將在此領域持續進步。

本院將鞏固與醫學院臨床部門及其他相關學系的聯繫，以加強各研究界別之間的合作。我們其中一個工作重點，是努力尋找機會設立聯合實驗室和中心，致力發展具潛力轉化成臨床醫學的研究上。

我們亦會積極尋求與生物技術和生物製藥公司合作，並計劃增聘更多知名生物醫學科學家和傑出的年輕研究員，以提升本院的長期競爭力，達至可持續發展。



Educational Enhancement as a Biomedical Sciences Education Hub

The School will further develop our BSc Programme in a comprehensive way. First we will revamp our overall teaching environment with newly decorated laboratories and classrooms equipped with interactive facilities and advanced equipment. We will develop more new courseware and tools to provide the best learning experience for our students.

The School will continue to make strenuous efforts to give our students more opportunities to broaden their horizons and gain greater exposure to different career paths by offering diverse activities and internship opportunities.

We will continue to explore more joint PhD training programme with overseas universities to give postgraduate students more exchange opportunities. We will also assist them in taking part in international conferences and academic events to give them more international exposure, and enjoy greater training opportunities to nurture their research talent.

成為生物醫學教育樞紐　提升教學質素

本院將進一步全面地發展生物醫學理學士課程。首先，學院將提升院內整體教學環境，包括裝修實驗室及教室，並增設互動設施和先進設備。我們亦會開發更多嶄新的教學軟件和工具，為學生提供最佳的學習體驗。

本院將一如既往，致力為學生提供各類型的活動和實習機會，讓他們擴闊視野，接觸不同的就業出路。

我們將繼續尋求與海外大學合辦博士培訓課程，為研究生提供更多交流機會。本院亦會資助研究生參與國際研討會和學術活動，加強他們在國際平台上交流的經驗，並獲得更多培訓機會，以培養他們的研究才能。

Academic Expansion

Wider academic networks

We will widen our academic networks with national and overseas institutions, and industry partners, and also look for more international and mainland Chinese partners. Our aim is to develop collaborative agreements and form joint laboratories or centres, establish training programmes, and co-organise academic events, and mutual delegations.

Through these partnerships, we hope to broaden the horizons of our investigators and students and stay abreast of current trends in science and technology.

Greater visibility

In addition to encouraging our academic staff to share their professional knowledge with the public through different media interviews, we will also continue to receive different local and overseas educational and governmental organisations and take part in public outreach activities. This will enhance our academic visibility and outreach engagement, which will, in turn, attract more promising students to our undergraduate and postgraduate programmes.

學術擴展

拓闊學術網絡

本院將拓闊與海內外院校及業界夥伴的學術交流網絡，亦會尋找更多國際和中國內地的合作夥伴。我們期望能與夥伴院校達成合作協議，成立聯合實驗室或科研中心，設立培訓計劃，並共同舉辦學術活動和安排代表團互訪。

藉著這些合作夥伴關係，本院期望能拓展研究人員和學生的視野，使他們能緊貼現今科技的發展趨勢。

提昇知名度

除了鼓勵教研人員接受各類傳媒訪問，與公眾分享其專業知識，本院亦會繼續接待不同的本地和海外院校與政府組織，並參與公眾宣傳活動，以加強學院的學術知名度及對外拓展，從而吸引更多優秀的學生報讀本院的本科生和研究生課程。

Appendices
附 錄

Appendix 1　附錄一

List of Associate Members of Thematic Research Programs (TRPs) in 2016–18
2016–18 年度主題研究組聯繫成員名單

Name 姓名	Home Department/Institution 所屬學系 / 學院
TRP Affiliation: Cancer Biology and Experimental Therapeutics 所屬的主題研究組：腫瘤生物學及實驗藥物治療學	
Prof. Stella S.W. Chan 陳詩華教授	School of Health Sciences, Caritas Institute of Higher Education 明愛專上學院 健康科學院
Prof. Anthony T.C. Chan 陳德章教授	Clinical Oncology 腫瘤學系
Prof. Shekhar-madhukar Kumta 古明達教授	Orthopaedics and Traumatology 矯形外科及創傷學系
Prof. Paul B.S. Lai 賴寶山教授	Surgery 外科學系
Prof. Lan Hui-yao 藍輝耀教授	Li Ka Shing Institute of Health Sciences 李嘉誠健康科學研究所
Prof. Lo Kwok-wai 羅國煒教授	Anatomical and Cellular Pathology 病理解剖及細胞學系
Prof. Ng Chi-fai 吳志輝教授	Surgery 外科學系
Prof. Simon S.M. Ng 吳兆文教授	Surgery 外科學系
Prof. Kenneth K.W. To 杜健華教授	School of Pharmacy 藥劑學院
Prof. Nathalie Wong 王昭春教授	Anatomical and Cellular Pathology 病理解剖及細胞學系
Prof. William K.K. Wu 胡嘉麒教授	Anaesthesia and Intensive Care 麻醉及深切治療學系
Prof. Yu Jun 于君教授	Medicine and Therapeutics 內科及藥物治療學系

Name 姓名	Home Department/Institution 所屬學系 / 學院
TRP Affiliation: Developmental and Regenerative Biology 所屬的主題研究組：發育及再生生物學	
Prof. Bian Liming 边黎明教授	Faculty of Engineering 工程學院
Prof. Juliana C.N. Chan 陳重娥教授	Medicine and Therapeutics 內科及藥物治療學系
Dr. Clement L.K. Chan 陳亮國醫生	Private Practitioner 私人執業醫生
Prof. Jack C.Y. Cheng 鄭振耀教授	Orthopaedics and Traumatology 矯形外科及創傷學系
Prof. Richard K.W. Choy 蔡光偉教授	Obstetrics and Gynaecology 婦產科學系
Prof. Leung Ting-fan 梁廷勳教授	Paediatrics 兒科學系
Prof. Li Gang 李剛教授	Orthopaedics and Traumatology 矯形外科及創傷學系
Prof. Arthur F.T. Mak 麥福達教授	Faculty of Engineering 工程學院
Prof. Poon Wai-sang 潘偉生教授	Surgery 外科學系
Prof. Nelson L.S. Tang 鄧亮生教授	Chemical Pathology 化學病理學系
Prof. Wu Chi 吳奇教授*	Chemistry 化學系

TRP Affiliation: Neural, Vascular, and Metabolic Biology 所屬的主題研究組：神經、血管、及代謝生物學	
Prof. Chen Shih-chi 陳世祈教授	Mechanical and Automation Engineering 機械與自動化工程學系
Prof. Chen Zhen-yu 陳振宇教授	School of Life Sciences 生命科學學院
Prof. Jonathan C.H. Choi 蔡宗衡教授	Biomedical Engineering 生物醫學工程學系
Prof. Linda C.W. Lam 林翠華教授	Psychiatry 精神科學系
Prof. Ronald C.W. Ma 馬青雲教授	Medicine and Therapeutics 內科及藥物治療學系
Prof. Vincent C.T. Mok 莫仲棠教授	Medicine and Therapeutics 內科及藥物治療學系
Prof. Calvin C.P. Pang 彭智培教授	Ophthalmology and Visual Sciences 眼科及視覺科學學系
Prof. Wan Song 萬松教授	Surgery 外科學系
Prof. Ronald C.C. Wang 黃志超教授*	Obstetrics and Gynaecology 婦產科學系
Prof. Patrick C.M. Wong 黃俊文教授	Linguistics and Modern Languages 語言學及現代語言系
Prof. Lawrence K.S. Wong 黃家星教授#	Medicine and Therapeutics 內科及藥物治療學系
Prof. Justin C.Y. Wu 胡志遠教授	Medicine and Therapeutics 內科及藥物治療學系

Associate member(s) in 2016–17 only 2016–17 年度聯繫成員

* Associate member(s) in 2017–18 only 2017–18 年度聯繫成員

Appendix 2 附錄二

List of seminars/symposia organised by the School between 1 July 2016 and 30 June 2018
本學院於2016年7月1日至2018年6月30日舉行的研討會列表

Speaker's Name 講者姓名	Home Institution/Organisation 所屬學院 / 機構	Seminar Title 研討會題目	Seminar Date 研討會舉行日期 (DD/MM/YYYY)
Cancer Biology and Experimental Therapeutics 腫瘤生物學及實驗藥物治療學			
Dr. Ray Ng	The University of Hong Kong, Hong Kong	Epigenetic Dysregulation in Leukemia Transcriptional Program	10/05/2017
Prof. Pinchas Cohen	University of Southern California, USA	Mitochondrial-Derived Peptides and their Role in Cancer	24/05/2017
Prof. Patrick T.B. Ooi	Singhealth Duke-NUS Institute of Precision Medicine, Singapore	Genomic and Epigenomic Profiles of Asian Endemic Cancers	26/05/2017
Dr. Ding Zhiyong	The University of Texas MD Anderson Cancer Center, USA	Identification of cancer biomarkers and therapeutic targets by proteomics approaches	13/06/2017
Prof. Chen Shu-hsia	Icahn School of Medicine at Mount Sinai, USA	Myeloid-derived Suppressor Cells in Cancer Therapy	19/06/2017
Prof. Zheng Huang	Fujian Normal University, China	Potential challenges of multidrug resistance in photodynamic therapy of cancer	01/09/2017
Prof. Zhi Wang	Research Institute of Stomatology Sun Yat-sen University, China	The role of some T cell inhibition molecules in tumor microenvironment of Head and Neck Squamous Cell Carcinoma (HNSCC)	20/09/2017
Prof. Hong Bo	Hefei Institutes of Physical Science, Chinese Academy of Sciences, China	High-throughput drug screening identifies novel p53-pathway restoring compounds in colorectal cancer and new therapeutic agents in small cell lung cancer	02/11/2017
Dr. Chris Johnson	Pekin Elmer, USA	High Content Screening System	06/11/2017
Prof. Chua Chee-wai	School of Medicine Shanghai Jiao Tong University, China	Luminal progenitors in prostate regeneration and tumor initiation	27/11/2017
Dr. Stephen H.K. Wong	Amgen, USA	Roles and Mechanisms of Epigenetic Regulators in Leukemia Stem Cell Biology and Leukemia Development	19/12/2017
Prof. Cheuk T. Leung	University of Minnesota, USA	Rational Development of Targeting Strategy for Non-proliferating Breast Tumor Cells	08/01/2018
Developmental and Regenerative Biology 發育及再生生物學			
Dr. Shi Yunbo	National Institutes of Health, USA	Chromatin remodeling and histone modifications in thyroid Hormone-dependent adult intestinal stem cell development	18/11/2016
Prof. Benjamin K. Tsang	University of Ottawa, Canada	Ovarian Follicular Development: Dysregulation in Polycystic Ovarian Syndrome	28/02/2017
Prof. Chris Y.F. Lau	University of California, USA	The Battle of the Sexes: Contrasting Roles of a Pair of Homologous Genes from the Sex Chromosomes in Human Cancers	14/03/2017
Prof. Franchesca Houghton	University of Southampton, UK	Hypoxic regulation of human embryonic stem cells	12/05/2017
Dr. Ralf Jauch	Guangzhou Institutes of Biomedicine and Health, Chinese Academy of Sciences, China	Directed evolution of high performance reprogramming factors	12/06/2017
Dr. Liu Xingguo	Guangzhou Institutes of Biomedicine and Health, Chinese Academy of Sciences, China	Reprogramming cell by mitochondrial flashes and for mitochondrial diseases	08/08/2017
Prof. Lian Qizhou	The University of Hong Kong, Hong Kong	Mitochondrial Donation of Mesenchymal Stem Cells Rescues Mitochondrial Dysfunction-provoked Heart and Lung Degeneration	02/11/2017
Dr. Andrew P. Hutchins	Southern University of Science and Technology of China, China	Epigenetic control of transposable elements in embryonic cells	07/12/2017

Speaker's Name 講者姓名	Home Institution/Organisation 所屬學院 / 機構	Seminar Title 研討會題目	Seminar Date 研討會舉行日期 (DD/MM/YYYY)
Prof. Etienne Audinat	Paris Descartes University, France	The Role of Microglial Cells on the Functional Maturation of Cortical Synapses During Postnatal Development	05/02/2018
Prof. Michael Tsang	University of Pittsburgh, USA	Modelling heart development and regeneration in zebrafish	18/04/2018
Neural, Vascular, and Metabolic Biology **神經、血管、及代謝生物學**			
Prof. Mark A. Evans	University of Edinburgh, UK	An emerging role for AMPK in oxygen supply	19/07/2016
Prof. Jürgen Hescheler	University of Cologne Köln, Germany	Stem cells go to space	27/07/2016
Prof. Jeff Mumm	Johns Hopkins University, USA	Whole-organism High-throughput Drug Screening: Fishing for New Therapies	12/08/2016
Dr. Henry H.C. Lee	Harvard Medical School, USA	Perineuronal net turnover and gamma oscillations reactivate brain plasticity	13/12/2016
Prof. Grahame D. Hardie	University of Dundee, UK	AMP-activated protein kinase—sensing glucose availability by an AMP-independent and mechanism	16/12/2016
Prof. Yasuhiro Tsukamoto	Kyoto Prefectural University, Japan	Ostrich antibody: one of most advanced biomedical techs from Japan with unlimited application in preventive medicine	11/04/2017
Prof. Zou Ming-hui	Georgia State University, USA	Modulation of mitochondrial homeostasis: novel mechanisms	05/06/2017
Prof. Gan Wen-biao	New York University School of Medicine, USA	Learning and sleep-dependent dendritic spine plasticity and maintenance	10/07/2017
Prof. Bernd Kuhn	Okinawa Institute of Science and Technology Graduate University, Japan	Ins and Outs of dendritic integration: Simultaneous dendritic voltage and calcium imaging and somatic recording from Purkinje neurons in awake mice	12/07/2017
Prof. Amit Awasthi	Translational Health Science and Technology Institute, India	Transcription factor Foxo1 is essential for IL-9 induction in T helper cells	20/07/2017
Prof. Jo Hanjoong	Emory University and Georgia Tech, USA	Flow sensitive genes, endothelial dysfunction and atherosclerosis—Going with the flow to understand and treat atherosclerosis	21/07/2017
Dr. María F. Iacaruso	University of Oxford, UK	Synaptic Organization of Visual Space in Primary Visual Cortex	28/08/2017
Prof. Jiang Qiu-xing	University of Florida, USA	A long-sought missing link in the regulated secretion in endocrine and neuronal cells	14/11/2017
Dr. K.P. Lesch	University of Wuerzburg, Germany	ST3GAL3 and myelin dysregulation in the risk scenario of attention-deficit/hyperactivity disorder (ADHD)	05/01/2018
Prof. Tsuyoshi Koide	National Institute of Genetics, Japan	Behavioral, neurological and genetic bases of tameness in mice	23/04/2018
Frontiers Seminar			
Prof. Guo Yusong	Hong Kong University of Science and Technology, Hong Kong	Sorting of Planar Cell Polarity Signaling Receptors at the trans Golgi Network	19/09/2016
Prof. Lu Zhimin	The University of Texas MD Anderson Cancer Centre, Houston, USA	Cancer Metabolism and Beyond	20/10/2016
Prof. Maik Gollasch	Max Delbrück Center (MDC) for Molecular Medicine Berlin, Germany	From Mouse to Man: TRPC Channels in Human Disease	16/11/2016
Prof. Hui Kam-man	National Cancer Centre, Singapore	Molecular Strategies to Tackle Early HCC Recurrence—Work in Progress	07/12/2016
Prof. Feng Gen-sheng	University of California at San Diego, USA	Signaling Events and Cross-talks in Leukemia, Anemia and Liver Cancer	29/12/2016
Prof. Vilhelm Bohr	National Institutes of Health, USA	Nuclear to Mitochondria DNA Damage Signaling in Neurodegeneration and Aging	20/01/2017
Prof. Chen Ceshi	Kunming Institute of Zoology, Chinese Academy of Sciences, China	Targeting KLF5 Transcription Factor in Basal Type Breast Cancer	23/02/2017
Prof. Eric Gilson	University of Nice, France	TRF2 has a Genome-wide Role during Aging and Cancer by Linking Telomere to Pericentromere Replication	15/03/2017

Speaker's Name 講者姓名	Home Institution/Organisation 所屬學院 / 機構	Seminar Title 研討會題目	Seminar Date 研討會舉行日期 (DD/MM/YYYY)
Prof. Xiao Guozhi	Southern University of Science and Technology, China	The Roles of Kindlin-2 Signaling in Skeletal Development and Homeostasis	29/03/2017
Prof. Yang Xiaoyong	Yale University School of Medicine, USA	Nutrient Sensing and Metabolic Communication	17/05/2017
Prof. Lo Kwok-wai	Anatomical and Cellular Pathology, The Chinese University of Hong Kong, Hong Kong	Progressive Genomic Changes in EBV-associated Nasopharyngeal Carcinoma	08/06/2017
Prof. Hui Chi-chung	University of Toronto, Canada	Modelling Brain Cancer and Intermittent Fasting in Mice	12/07/2017
Prof. Jiang Xuejun	Memorial Sloan-Kettering Cancer Center, USA	Autophagy, Mechanisms and Role in Cancer	19/07/2017
Prof. Eric Honore	The National Center for Scientific Research, France	Sensing Pressure with Ion Channels	19/10/2017
Prof. Ajay Chawla	University of California San Francisco, USA	Immunity and Energetics	20/10/2017
Prof. Lin Wenchu	Hefei Institutes of Physical Sciences, Chinese Academy of Sciences, China	A Long Journey for Investigations in Neuroendocrine Tumors: from PNET to SCLC	01/11/2017
Dr. Erik Wong	EW Consulting	New Dimensions in Biological Psychiatry Research	11/12/2017
Prof. Tatyana Strekalova	Maastricht University, The Netherlands	Resilience versus Susceptibility to the Depressive-like Syndrome in Animal Models of Depression: Methodological and Conceptual Aspects	28/12/2017
Dr. Andrew Holmes	National Institutes of Health, USA	Deciphering neural circuits to develop new anti-anxiety medications	24/01/2018
Prof. Thomas Braun	Max Planck Institute for Heart and Lung Research, Germany	Organ remodeling and repair in the cardiovascular system	31/01/2018
Prof. Dr. Frank Kirchhoff	University of Saarland, Germany	Contribution of the Oligodendrocyte Lineage to Scar Formation in the CNS Grey Matter	05/02/2018
Dr. Hitoshi Okamoto	RIKEN Brain Science Institute, Japan	The Sedative Effect of the Cholinergic Transmission in the Habenulo-interpeduncular Pathway in Social Conflict	02/03/2018
Prof. Jing Naihe	Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, China	The promise of pluripotent stem cells in the therapy of Alzheimer's disease	25/05/2018
Symposium co-organised with other Departments/Institutions **與其他部門或院校合辦的研討會**			
Prof. Francis Szele	University of Oxford, UK	Molecular Mechanisms Regulating Neurogenesis in the Subventricular Zone Stem Cell Niche	14/07/2016
Dr. Constantine Stratakis	National Institutes of Health, USA	Genetics of Adrenal Tumors: the cAMP Signaling Pathway	11/10/2016
Dr. Frank Fan	Research and China Operations Promega Corporation, USA	Real-Time, Live Cell Analysis Using Next Generation Bioluminescent Assay Technologies	11/09/2017
Dr. John Lighton	Sable Systems International Inc.,USA	Using behavioral data to supplement and enrich traditional metabolic phenotyping: Some case studies	29/03/2018

Appendix 3 附錄三

List of publications by SBS members for the period between 1 July 2016 and 30 June 2018^
生物醫學學院成員於2016年7月1日至2018年6月30日期間發表的論文與著作列表^

^ Retrieved from the CUHK Academic Information Management System (AIMS) administered by the Office of Research and Knowledge Transfer Services on 8 August 2019.
^ 於2019年8月8日錄自香港中文大學研究及知識轉移服務處管理的學術資訊管理系統

Scholarly book, monograph and chapter (2016–17) 學術書籍、專題著作和書籍章節 (2016–17)	
1	Li C.H., Chen Y. "Insight into the Role of Long Noncoding RNA in Cancer Development and Progression" in International Review of Cell and Molecular Biology; Edited by Kwang W. Jeon, Lorenzo Galluzzi; Published by Elsevier Inc.; Vol.326, p.33-65. <2016.08>
2	F. Hong, Z. Chen, H.C. Tang, Sharon L. Wu, Jingjing Yang, David T. Yew. "Herbal medicine for liver protection in experimental animals - a histochemical, pathological study". Edited by A. Méndez-Vilas; Published by Formatex Research Center (Spain); p.175-182. <2017.02>
3	Li L., Leung P.S. "Pancreatic Cancer, Pancreatitis, and Oxidative Stress". Edited by Jordi Gracia-Sancho, Josepa Salvadó; Published by Elsevier; p.173-186. <2017.05>
4	Yi Wang, Po Sing Leung. "GPR120". Edited by Sangdun Choi; Published by Springer New York; p.1-8. <2017>
5	Tsz Wai Cheng, Po Sing Leung. "FGF21". Edited by Sangdun Choi; Published by Springer, New York; p.1-8. <2017>
6	Xiao Zhangang, Chen Yangchao. "Identification of Small Molecule Modulators of MicroRNA by Library Screening" in Methods in Molecular Biology (Clifton, N.J.). Edited by Marco F. Schmidt; Published by Humana Press; Vol.1517, p.169-178. <2017>
Journal publication (2016–17) 論文著作 (2016–17)	
1	On-Chai Lau, Bing Shen, Ching-On Wong, Yung-Wui Tjong, Chun-Yin Lo, Hui-Chuan Wang, Yu Huang, Wing-Ho Yung, Yang-Chao Chen, Man-Lung Fung, John Anthony Rudd & Xiaoqiang Yao. (2016). TRPC5 channels participate in pressure-sensing in aortic baroreceptors. *Nature Communications, 7:11947.*
2	So W.Y., Leung P.S. (2016). Fibroblast Growth Factor 21 As an Emerging Therapeutic Target for Type 2 Diabetes Mellitus. *Medicinal Research Reviews, 36(4):672-704.*
3	Ho J., Yu J., Wong S.H., Zhang L., Liu X., Wong W.T., Leung C.C.H., Choi G., Wang M.H.T., Gin T., Chan M.T.V., Wu W.K.K. (2016). Autophagy in sepsis: Degradation into exhaustion? *Autophagy, 12(7):1073-1082.*
4	William K.K. Wu, Jun Yu, Matthew T.V. Chan, Ka F. To, Alfred S.L. Cheng. (2016). Combinatorial epigenetic deregulation by Helicobacter pylori and Epstein–Barr virus infections in gastric tumourigenesis. *Journal of Pathology, 239(3):245-249.*
5	Ying Shi, Xiao-Xiao Huang, Guo-Bin Chen, Ying Wang, Qiang Zhi, Yuan-Sheng Liu, Xiao-Ling Wu, Li-Fen Wang, Bing Yang, Chuan-Xing Xiao, Hui-Qin Xing, Jian-Lin Ren, Yin Xia, Bayasi Guleng. (2016). Dragon (RGMb) induces oxaliplatin resistance in colon cancer cells. *Oncotarget, 7(30):48027-48037.*
6	Dan X.L., Liu W.L., Wong J.H., Ng T.B. (2016). A Ribonuclease Isolated from Wild Ganoderma Lucidum Suppressed Autophagy and Triggered Apoptosis in Colorectal Cancer Cells. *Frontiers in Pharmacology, 7:217.*
7	Yang Y., Qin Y.J., Yip Y.W.Y., Chan K.P., Chu K.O., Chu W.K., Ng T.K., Pang C.P., Chan S.O. (2016). Green tea catechins are potent anti-oxidants that ameliorate sodium iodate-induced retinal degeneration in rats. *Scientific Reports, 6:29546.*
8	Yau Sang Chan, Randy Chi Fai Cheung, Lixin Xia, Jack Ho Wong, Tzi Bun Ng, Wai Yee Chan. (2016). Snake venom toxins: toxicity and medicinal applications. *Applied Microbiology and Biotechnology, 100(14):6165-6181.*
9	Xia Q.S., Zhao Y.W., Lin G., Beland F.A., Cai L.N., Fu P.P. (2016). Pyrrolizidine Alkaloid-Protein Adducts: Potential Non-invasive Biomarkers of Pyrrolizidine Alkaloid-Induced Liver Toxicity and Exposure. *Chemical Research in Toxicology, 29(8):1282-1292.*
10	Zhangang XIAO, Jing SHEN, Lin ZHANG, Longfei LI, Mingxing LI, Wei HU, Zhijie LI, Chi Hin CHO. (2016). The Roles of Histone Demethylase UTX and JMJD3 (KDM6B) in Cancers: Current Progress and Future Perspectives. *Current Medicinal Chemistry, 23(32):3687-3696.*
11	Carmen W.H. Chan, Rosa S. Wong, Patrick T.W. Law, Cho Lee Wong, Stephen K.W. Tsui, Winnie P.Y. Tang, Janet W.H. Sit. (2016). Environmental Factors Associated with Altered Gut Microbiota in Children with Eczema: A Systematic Review. *International Journal of Molecular Sciences, 17(7):pii: E1147.*
12	Peng Zhang, Ai-qin Mao, Chun-yuan Sun, Xiao-dong Zhang, Qiong-xi Pan, Dan-tong Yang, Jian Jin, Chun-lei Tang, Zhen-yu Yang, Xiao-qiang Yao, Xiao-jie Lu, Xin Ma. (2016). Translocation of PKG1α acts on TRPV4-C1 heteromeric channels to inhibit endothelial Ca^{2+} entry. *Acta Pharmacologica Sinica, 37(9):1199-1207.*
13	Wang Y.P., Wat E., Koon C.M., Wong C.W., Cheung D.W.S., Leung P.C., Zhao Q.S., Fung K.P., Lau C.B.S. (2016). The beneficial potential of polyphenol-enriched fraction from Erigerontis Herba on metabolic syndrome. *Journal of Ethnopharmacology, 187:94-103.*
14	Qian-Qian Liu, Ke Chen, Qiao Ye, Xiao-Hua Jiang, Yun-Wei Sun. (2016). Oridonin inhibits pancreatic cancer cell migration and epithelial-mesenchymal transition by suppressing Wnt/β-catenin signaling pathway. *Cancer Cell International, 16:57.*
15	Wu X., Ma J., Ye Y., Lin G. (2016). Transporter modulation by Chinese herbal medicines and its mediated pharmacokinetic herb–drug interactions. *Journal of ChromatographyB-Analytical Technologies in the Biomedical and Life Sciences, 1026:236-253.*

16	Zhong-yang Li, Zheng-lai Ma, Wen-hui Lu, Xin Cheng, Jian-long Chen, Xiao-Yu Song, Manli Chuai, Kenneth Ka Ho Lee, Xuesong Yang. (2016). Ethanol exposure represses osteogenesis in the developing chick embryo. *Reproductive Toxicology, 62:53-61.*
17	MAK King Lun Kingston. (2016). Science in Brief: NextVoice. *Science, 6294(353):22.*
18	Wu D., Cheung A., Wang Y., Yu S., Chan F.L. (2016). The emerging roles of orphan nuclear receptors in prostate cancer. *Biochimica et Biophysica Acta-Reviews on Cancer, 1866(1):23-36.*
19	Kaisheng LIU, Xiaohu ZHANG, Jie Ting ZHANG, Lai Ling TSANG, Xiaohua JIANG, Hsiao Chang CHAN. (2016). Defective CFTR- β-catenin interaction promotes NF-κB nuclear translocation and intestinal inflammation in cystic fibrosis. *Oncotarget, 7(39):64030-64042.*
20	Yang Y., Cheung H.H., Tu J., Miu K.K., Chan W.Y. (2016). New insights into the unfolded protein response in stem cells. *Oncotarget, 7(33):54010-54027.*
21	Wang Z., Lin S., Zhang J., Xu Z., Xiang Y., Yao H., Ge L., Xie D., Kung H.F., Lu G., Poon W.S., Liu Q., Lin M.C.M. (2016). Loss of MYC and E-box3 binding contributes to defective MYCmediated transcriptional suppression of human MC-let-7a-1~let-7d in glioblastoma. *Oncotarget, 7(35):56266-56278.*
22	Zhou J., Zhang J., Lam S.P., Mok V., Chan A., Xin Li S., Liu Y., Tang X., Yung W.H., Wing Y.K. (2016). Mortality and its risk factors in patients with rapid eye movement sleep behavior disorder. *Sleep, 39(8):1543-1550.*
23	Rudd J.A., Ngan M.P., Lu Z.B., Higgins G.A., Giuliano C., Lovati E., Pietra C. (2016). Profile of Antiemetic Activity of Netupitant Alone or in Combination with Palonosetron and Dexamethasone in Ferrets and Suncus murinus (House Musk Shrew). *Frontiers in Pharmacology, 7:263.*
24	Fung Ping Leung, Lai Ming Yung, Ching Yuen Ngai, Wai San Cheang, Xiao Yu Tian, Chi Wai Lau, Yang Zhang, Jian Liu, Zhen Yu Chen, Zhao-Xiang Bian, Xiaoqiang Yao, Yu Huang. (2016). Chronic black tea extract consumption improves endothelial function in ovariectomized rats. *European journal of nutrition, 55(5):1963-1972.*
25	Yeh C.M., Chang L.Y., Lin S.H., Chou J.L., Hsieh H.Y., Zeng L.H., Chuang S.Y., Wang H.W., Dittner C., Lin C.Y., Lin J.M.J., Huang Y.T., Ng E.K.W., Cheng A.S.L., Wu S.F., Lin J., Yeh K.T., Chan M.W.Y. (2016). Epigenetic silencing of the NR4A3 tumor suppressor, by aberrant JAK/STAT signaling, predicts prognosis in gastric cancer. *Scientific Reports, 6:31690.*
26	Da Yuan Gao, Bao Li Zhang, Matthew C.T. Leung, Simon C.L. Au, Patrick Y.D. Wong, Winnie W.C. Shum. (2016). Coupling of TRPV6 and TMEM16A in epithelial principal cells of the rat epididymis. *Journal of General Physiology, 148(2):161-182.*
27	Lau O.C., Lo C.Y., Yao Y.F., Mak F.T., Jiang L.W., Huang Y., Yao X.Q. (2016). Aortic Baroreceptors Display Higher Mechanosensitivity than Carotid Baroreceptors. *Frontiers in Physiology, 7:384.*
28	Gary Tse, Bryan P. Yan, Yin W.F. Chan, Xiao Yu Tian, Yu Huang. (2016). Reactive Oxygen Species, Endoplasmic Reticulum Stress and Mitochondrial Dysfunction: The Link with Cardiac Arrhythmogenesis. *Frontiers in Physiology, 7:313.*
29	Yin Z., Guo J., Wu T.Y., Chen X., Xu L.L., Lin S.E., Sun Y.X., Chan K.M., Ouyang H., Li G. (2016). Stepwise differentiation of mesenchymal stem cells augments tendon-like tissue formation and defect repair in vivo. *Stem Cells Translational Medicine, 5(8):1106-1116.*
30	Ng T.B., Cheung R.C.F., Wong J.H., Chan Y.S., Dan X., Pan W., Wang H., Guan S., Chan K., Ye X., Liu F., Xia L., Chan W.Y. (2016). Fungal proteinaceous compounds with multiple biological activities. *Applied Microbiology and Biotechnology, 100(15):6601-6617.*
31	WONG Chi Hin, LI You-Jia, CHEN Yang-Chao. (2016). Therapeutic potential of targeting acinar cell reprogramming in pancreatic cancer. *World Journal of Gastroenterology, 22(31):7046-7057.*
32	Hu T., Li Z., Gao C.Y., Cho C.H. (2016). Mechanisms of drug resistance in colon cancer and its therapeutic strategies. *World Journal of Gastroenterology, 22(30):6876-6889.*
33	Wang L., Wang J., Ma D., Taylor J.S.H., Chan S.O. (2016). Isoform-specific localization of Nogo protein in the optic pathway of mouse embryos. *Journal of Comparative Neurology, 524(11):2322-2334.*
34	Hao Y., Chow A.W., Yip W.C., Li C.H., Wan T.F., Tong B.C., Cheung K.H., Chan W.Y., Chen Y.C., Cheng C.H., Ko W.H. (2016). G protein-coupled estrogen receptor inhibits the P2Y receptor-mediated Ca^{2+} signaling pathway in human airway epithelia. *Pflugers Archiv-European Journal of Physiology, 468(8):1489-1503.*
35	Zhao B.C., Yang D., Wong J.H., Wang J.P., Yin C.M., Zhu Y.X., Fan S.R., Ng T.B., Xia J., Li Z.G. (2016). A Thioether-Stabilized D-Proline-L-Proline-Induced beta-Hairpin Peptide of Defensin Segment Increases Its Anti-Candida albicans Ability. *ChemBioChem, 17(15):1416-1420.*
36	WONG Chi Bun, REBBERT Martha, WANG Chengdong, CHEN Xiongfong, HEFFER Alison, ZARELLI Valeria E., DAWID Igor B., ZHAO Hui. (2016). Genes Regulated by Kctd15 in the Developing Neural Crest. *International Journal of Developmental Biology, 60(4-6):159-166.*
37	Devarajan K., Cheung V.C.K. (2016). A Quasi-Likelihood Approach to Nonnegative Matrix Factorization. *Neural Computation, 28(8):1663-1693.*
38	Ning Lan, Vincent C.K. Cheung, Simon C. Gandevia. (2016). Editorial: Neural and Computational Modeling of Movement Control. *Frontiers in Computational Neuroscience, 10:90.*
39	Winston Yan WANG, Jack Ho WONG, Denis Tsz Ming IP, David Chi Cheong WAN, Randy Chifai CHEUNG, Tzi Bun NG. (2016). Bovine Lactoferrampin, Human Lactoferricin, and Lactoferrin 1-11 Inhibit Nuclear Translocation of HIV Integrase. *Applied Biochemistry and Biotechnology, 179(7):1202-1212.*
40	Su D.Q., Liu H.C., Chan S.O., Wang J. (2016). Neuronal Nogo-A in New-born Retinal Ganglion Cells: Implication for the Formation of the Age-related Fiber Order in the Optic Tract. *Anatomical Record-Advances in Integrative Anatomy and Evolutionary Biology, 299(8):1027-1036.*
41	Xuelin Zhou, Pou Seng Choi, Jia-Ming Yang, Penelope M.Y. Or, Pui Man Hoi, Simon M.Y. Lee, George P.H. Leung, Sai Ming Ngai, Siu Kai Kong, Ho Pui Ho, Melody Y.M. Wong, Shun Wan Chan, John H.K. Yeung, Yiu Wa Kwan. (2016). Chemical and pharmacological evaluations on the extract of Scutellaria baicalensis Georgi (Huang-Qin) prepared by various extraction methods. *SpringerPlus, 5:1438.*
42	Yuan Tian, Myth T.S. Mok, Pengyuan Yang, Alfred S.L. Cheng. (2016). Epigenetic Activation of Wnt/beta-Catenin Signaling in NAFLD-Associated Hepatocarcinogenesis. *Cancers, 8(8):pii: E76.*
43	Sausan A. Moharram, Rohit A. Chougule, Xianwei Su, Tianfeng Li, Jianmin Sun, Hui Zhao, Lars Rönnstrand, Julhash U. Kazi. (2016). Src-like adaptor protein 2 (SLAP2) binds to and inhibits FLT3 signaling. *Oncotarget, 7(36):57770-57782.*

44	Choy K.W., Mustafa M.R., Lau Y.S., Liu J., Murugan D., Lau C.W., Wang L., Zhao L., Huang Y. (2016). Paeonol protects against endoplasmic reticulum stress-induced endothelial dysfunction via AMPK/PPAR delta signaling pathway. *Biochemical Pharmacology, 116(15):51-62.*
45	Dan X., Ng T.B., Wong J.H., Chan Y.S., Cheung R.C.F., Chan W.Y. (2016). A hemagglutinin isolated from Northeast China black beans induced mitochondrial dysfunction and apoptosis in colorectal cancer cells. *Bioichimica et Biophysica Acta-Molecular Cell Research, 1863(9):2201-2211.*
46	Grace Gar-Lee Yue, Hin-Fai Kwok, Kin-Ming Lee, Lei Jiang, Eric Chun-Wai Wong, Si Gao, Hing-Lok Wong, Lin Li., Kar-Man Chan, Ping-Chung Leung, Kwok-Pui Fung, Zhong Zuo, Clara Bik-San Lau. (2016). Combined therapy using bevacizumab and turmeric ethanolic extract (with absorbable curcumin) exhibited beneficial efficacy in colon cancer mice. *Pharmacological Research, 111:43-57.*
47	Xuejie Fu, Huilin Yang, Hui Zhang, Guichao Wang, Ke Liu, Qiaoli Gu, Yunxia Tao, Guangcun Chen, Xiaohua Jiang, Gang Li, Yangzheng Gu, Qin Shi. (2016). Improved osteogenesis and upregulated immunogenicity in human placenta-derived mesenchymal stem cells primed with osteogenic induction medium. *Stem Cell Research & Therapy, 7:138-138.*
48	Liu M., Wang G., Zhang S.Y., Zhong S., Qi G.L., Wang C.J., Chuai M.L., Lee K.K.H., Lu D.X., Yang X.S. (2016). From the Cover: Exposing Imidacloprid Interferes With Neurogenesis Through Impacting on Chick Neural Tube Cell Survival. *Toxicological Sciences, 153(1):137-148.*
49	Qian-Qian LUO, Zhong-Ming QIAN, Yu-Fu ZHOU, Meng-Wan ZHANG, Dang WANG, Li ZHU, Ya KE. (2016). Expression of Iron Regulatory Protein 1 Is Regulated not only by HIF-1 but also pCREB under Hypoxia. *International Journal of Biological Sciences, 12(10):1191-1202.*
50	Otto K.W. Cheung, Alfred S.L. Cheng. (2016). Gender Differences in Adipocyte Metabolism and Liver Cancer Progression. *Frontiers in Genetics, 7:168.*
51	So W.Y., Leung P.S. (2016). Irisin ameliorates hepatic glucose/lipid metabolism and enhances cell survival in insulin-resistant human HepG2 cells through adenosine monophosphate-activated protein kinase signaling. *International Journal of Biochemistry & Cell Biology, 78:237-247.*
52	FENG Hui-Yi, CHEN Yang-Chao. (2016). Role of bile acids in carcinogenesis of pancreatic cancer: An old topic with new perspective. *World Journal of Gastroenterology, 22(33):7463-7477.*
53	Shidou ZHAO, Haijing XU, Yuqian CUI, Wenting WANG, Yingying QIN, Li YOU, Wai-Yee CHAN, Yun SUN, Zi-Jiang CHEN. (2016). Metabolic actions of insulin in ovarian granulosa cells were unaffected by hyperandrogenism. *Endocrine, 53(3):823-830.*
54	Alan J. Burns, Allan M. Goldstein, Donald F. Newgreen, Lincon Stamp, Karl-Herbert Schäfer, Marco Metzger, Ryo Hotta, Heather M. Young, Peter W. Andrews, Nikhil Thapar, Jaime Belkind-Gerson, Nadege Bondurand, Joel C. Bornstein, Wood Yee Chan, Kathryn Cheah, Michael D. Gershon, Robert O. Heuckeroth, Robert M.W. Hofstra, Lothar Just, Raj P. Kapur, Sebastian K. King, Conor J. McCann, Nandor Nagy, Elly Ngan, Florian Obermayr, Vassilis Pachnis, Pankaj J. Pasricha, Mai Har Sham, Paul Tam, Pieter Vanden Berghe. (2016). White paper on guidelines concerning enteric nervous system stem cell therapy for enteric neuropathies. *Developmental Biology, 417(2):229-251.*
55	Zhen X., Ng E.S.K., Lam F.F.Y. (2016). Suppression of ischaemia-induced injuries in rat brain by protease-activated receptor-1 (PAR-1) activating peptide. *European Journal of Pharmacology, 786:36-46.*
56	Yun Zhu, Xiaoqiang Yao, Lai K. Leung. (2016). Zeranol induces COX-2 expression through TRPC-3 activation in the placental cells JEG-3. *Toxicology in Vitro, 35:17-23.*
57	Zhuojun Dai, Yinglan Shu, Chao Wan, Chi Wu. (2016). Effects of Culture Substrate Made of Poly(N-isopropylacrylamide-co-acrylic acid) Microgels on Osteogenic Differentiation of Mesenchymal Stem Cells. *Molecules, 21(9):1192.*
58	MA Jing-Yi, ZHOU Xuelin, FU Jie, HE Chi-Yu, FENG Ru, HUANG Min, SHOU Jia-Wen, ZHAO Zhen-Xiong, LI Xiao-Yang, Zhang Luye, CHEN Yang-Chao, WANG Yan. (2016). In Vivo Metabolite Profiling of a Purified Ellagitannin Isolated from Polygonum capitatum in Rats. *Molecules, 21(9):1110.*
59	Krista Roberta Verhoeft, Hoi Lam Ngan, Vivian Wai Yan Lui. (2016). The Cylindromatosis (CYLD) Gene and Head and Neck Tumorigenesis. *Cancers of the Head & Neck, 1:10.*
60	LIU Wenjing, XIA Yin. (2016). Necroptosis in Acute Kidney Injury. *Austin Journal of Nephrology and Hypertension, 2(3):1059.*
61	Yifeng Zhang, Jiankun Xu, Ye Chun Ruan, Mei Kuen Yu, Micheal O'Laughlin, Helen Wise, Di Chen, Li Tian, Dufang Shi, Jiali Wang, Sihui Chen, Jian Q Feng, Dick Ho Kiu Chow, Xinhui Xie, Lizhen Zheng, Le Huang, Shuo Huang, Kwoksui Leung, Na Lu, Lan Zhao, Huafang Li, Dewei Zhao, Xia Guo, Kaiming Chan, Frank Witte, Hsiao Chang Chan, Yufeng Zheng, and Ling Qin. (2016). Implant-derived magnesium induces local neuronal production of CGRP to improve bone-fracture healing in rats. *Nature Medicine, 22(10):1160-1169.*
62	Yunfang Wang, Jinhua Qin, Shuyong Wang, Wencheng Zhang, Jialei Duan, Jing Zhang, Xin Wang, Fang Yan, Mingyang Chang, Xiaofang Liu, Bo Feng, Jiang Liu, and Xuetao Pei. (2016). Conversion of Human Gastric Epithelial Cells to Multipotent Endodermal Progenitors using Defined Small Molecules. *Cell Stem Cell, 19(4):449-461.*
63	Ling-Hao Zhao, Xiao Liu, He-Xin Yan, Wei-Yang Li, Xi Zeng, Yuan Yang, Jie Zhao, Shi-Ping Liu, Xue-Han Zhuang, Chuan Lin, Chen-Jie Qin, Yi Zhao, Ze-Ya Pan, Gang Huang, Hui Liu, Jin Zhang, Ruo-Yu Wang, Yun Yang, Wen Wen, Gui-Shuai Lv, Hui-Lu Zhang, Han Wu, Shuai Huang, Ming-Da Wang, Liang Tang, Hong-Zhi Cao, Ling Wang, Tin-Lap Lee, Hui Jiang, Ye-Xiong Tan, Sheng-Xian Yuan, Guo-Jun Hou, Qi-Fei Tao, Qin-Guo Xu, Xiu-Qing Zhang, Meng-Chao Wu, Xun Xu, Jun Wang, Huan-Ming Yang, Wei-Ping Zhou, Hong-Yang Wang. (2016). Genomic and oncogenic preference of HBV integration in hepatocellular carcinoma. *Nature Communications, 7(7):12992.*
64	Ziwei Tu, Qu Chen, Jie Ting Zhang, Xiaohua Jiang, Yunfei Xia, Hsiao Chang Chan. (2016). CFTR is a potential marker for nasopharyngeal carcinoma prognosis and metastasis. *Oncotarget, 7(47):76955-76965.*
65	Peng Zhang, Dongxu He, Zhen Chen, Qiongxi Pan, Fangfang Du, Xian Zang, Yan Wang, Chunlei Tang, Hong Li, He Lu, Xiaoqiang Yao, Jian Jin, Xin Ma. (2016). Chemotherapy enhances tumor vascularization via Notch signaling-mediated formation of tumor-derived endothelium in breast cancer. *Biochemical Pharmacology, 118:18-30.*
66	Vittorio CAGGIANO, C. K. Vincent CHEUNG, Emilio BIZZI. (2016). An Optogenetic Demonstration of Motor Modularity in the Mammalian Spinal Cord. *Scientific Reports, 6:35185.*
67	Jing-Woei Li, Heung-Man Lee, Ying Wang, Amy Hin-Yan Tong, Kevin Y. Yip, Stephen Kwok-Wing Tsui, Si Lok, Risa Ozaki, Andrea O Luk, Alice P. S. Kong, Wing-Yee So, Ronald C. W. Ma, Juliana C. N. Chan, Ting-Fung Chan. (2016). Interactome-transcriptome analysis discovers signatures complementary to GWAS Loci of Type 2 Diabetes. *Scientific Reports, 6:35228.*
68	Cong-cong GUO, Yi-mei JIN, Kenneth Ka Ho LEE, Guang YANG, Chun-xia JING, Xuesong YANG. (2016). The relationships between HLA class II alleles and antigens with gestational diabetes mellitus: A meta-analysis. *Scientific Reports, 6:35005.*

69	TSENG Hisa Hui Ling, VONG Chi Teng, KWAN Yiu Wa, LEE Simon Ming-Yuen, HOI Maggie Pui Man. (2016). TRPM2 regulates TXNIP-mediated NLRP3 inflammasome activation via interaction with p47 phox under high glucose in human monocytic cells. *Scientific Reports, 6:35016.*
70	Sun J.G., Ruan F., Zeng X.L., Xiang J., Li X., Wu P., Fung K.P., Liu F.Y. (2016). Clitocine potentiates TRAIL-mediated apoptosis in human colon cancer cells by promoting Mcl-1 degradation. *Apoptosis, 21(10):1144-1157.*
71	Jiang G.Z., Tam C.H.T., Luk A.O., Lee H.M., Lim C.K.P., Fan X.D., Lok S., Chan T.F., Yip K.Y.L., Tang N., Tsui S.K., Yu W.C., Tomlinson B., Huang Y., Lan H.Y., Szeto C.C., So W.Y., Chan J.C.N., Ma R.C.W. (2016). Genome-wide association study in Chinese identifies new susceptibility loci associated with chronic kidney disease in type 2 diabetes. *Diabetes Research and Clinical Practice, 120(Suppl. 1):S49-S50.*
72	Hengning Ke, Julhash U. Kazi, Hui Zhao, Jianmin Sun. (2016). Germline mutations of KIT in gastrointestinal stromal tumor (GIST) and mastocytosis. *Cell and Bioscience, 6:55.*
73	Meng F.B., Xu L.L., Huang S., Liu Y., Hou Y.H., Wang K.X., Jiang X.H., Li G. (2016). Small nuclear ribonucleoprotein polypeptide N (Sm51) promotes osteogenic differentiation of bone marrow mesenchymal stem cells by regulating Runx2. *Cell and Tissue Research, 366(1):155-162.*
74	Vincent Wing-Sang Cheng, Kenneth Siu-Sing Leung, Jamie Sui-Lam Kwok, Ross Ka-Kit Leung, Kevin Yi Yang, Raphael Chiu-Yeung Chan, Kai-Man Kam, Stephen Kwok-Wing Tsui. (2016). Phylogenetic and Structural Significance of Dihydrofolate Synthase (folC) Mutations in Drug-Resistant Mycobacterium tuberculosis. *Microbial Drug Resistance, 22(7):545-551.*
75	Zhang X.Y., Ng T.K., Brelén M.E., Wu D., Wang J.X., Chan K.P., Yung J.S., Cao D., Wang Y., Zhang S., Chan S.O., Pang C.P. (2016). Continuous exposure to non-lethal doses of sodium iodate induces retinal pigment epithelial cell dysfunction. *Scientific Reports, 6:37279.*
76	Jie Ni, Sujin BAO, Ruth I. JOHNSON, Bingbing ZHU, Jianhua LI, Justin VADAPARAMPIL, Christopher M. SMITH, Kirk N CAMPBELL, Florian GRAHAMMER, Tobias B. HUBER, John C. HE, Vivette D. D'AGATI, Andrew CHAN, Lewis KAUFMANA. (2016). MAGI-1 Interacts with Nephrin to Maintain Slit Diaphragm Structure through Enhanced Rap1 Activation in Podocytes. *Journal of Biological Chemistry, 291(47):24406-24417.*
77	Wang B., Lee W.Y.W., Huang B., Zhang J.F., Wu T.Y., Jiang X.H., Wang C.C., Li G. (2016). Secretome of Human Fetal Mesenchymal Stem Cell Ameliorates Replicative Senescence. *Stem Cells and Development, 25(22):1755-1766.*
78	Yan WANG, Jian-Shu HU, Huang-Quan LIN, Tsz-Ming IP, Chi-Cheong David WAN. (2016). Herbalog: A tool for target-based identification of herbal drug efficacy through molecular docking. *Phytomedicine, 23(12):1469-1474.*
79	Lam P.L., Lee K.K.H., Kok S.H.L., Gambari R., Lam K.H., Ho C.L., Ma X., Lo YH., Wong W.Y., Dong Q.C., Bian Z.X., Chui C.H. (2016). Antifungal study of substituted 4-pyridylmethylene-4′-aniline Schiff bases. *RSC Advances, 6(106):104575-104581.*
80	Philip C.T. TANG, Cui YANG, Rachel Wai-Sum LI, Simon Ming-Yuen LEE, Maggie Pui-man HOI, Shun-Wan CHAN, Yiu-Wa KWAN, Chung-Ming TSE, George Pak-Heng LEUNG. (2016). Inhibition of human equilibrative nucleoside transporters by 4-((4-(2-fluorophenyl)piperazin-1-yl)methyl)-6-imino-N-(naphthalen-2-yl)-1,3,5-triazin-2-amine. *European Journal of Pharmacology, 791:544-551.*
81	Xinhua Zhou, Guozhen Cui, Hisa Hui Ling Tseng, Simon Ming-Yuen Lee, George Pak Heng Leung, Shun Wan Chan, Yiu Wa Kwan, Maggie Pui Man Hoi. (2016). Vascular Contributions to Cognitive Impairment and Treatments with Traditional Chinese Medicine. *Evidence-Based Complementary and Alternative Medicine, 2016:9627258.*
82	Hisa Hui Ling Tseng, Chi Teng Vong, George Pak-Heng Leung, Sai Wang Seto, Yiu Wa Kwan, Simon Ming-Yuen Lee, Maggie Pui Man Hoi. (2016). Calycosin and Formononetin Induce Endothelium-Dependent Vasodilation by the Activation of Large-Conductance Ca^{2+}-Activated K^+ Channels (BKCa). *Evidence-Based Complementary and Alternative Medicine, 2016(2016):5272531.*
83	Lu X., Cheng X., Li K., Lee K.K.H., Yang X. (2016). Integration of Histology Lectures and Practical Teaching in China. *International Journal of Learning in Higher Education, 5(4):157-164.*
84	Li Wang, Jiang-Yun Luo, Bochuan Li, Xiao Yu Tian, Li-Jing Chen, Yuhong Huang, Jian Liu, Dan Deng, Chi Wai Lau, Song Wan, Ding Ai, King-Lun Kingston Mak, Ka Kui Tong, Kin Ming Kwan, Nanping Wang, Jeng-Jiann Chiu, Yi Zhu, Yu Huang. (2016). Integrin-YAP/TAZ-JNK cascade mediates atheroprotective effect of unidirectional shear flow. *Nature, 540(7634):579-582.*
85	Alex T.L. LEONG, Russell W. CHAN, Patrick P. GAO, Ying-Shing CHAN, Kevin K. TSIA, Wing-Ho YUNG, Ed X. WU. (2016). Long-range projections coordinate distributed brain-wide neural activity with a specific spatiotemporal profile. *Proceedings of the National Academy of Sciences of the United States of America, 113(51):E8306-E8315.*
86	Chu W.K., Law K.S., Chan S.O., Yam J.C.S., Chen L.J., Zhang H., Cheung H.S., Block N.L., Schally A.V., Pang C.P. (2016). Antagonists of growth hormone-releasing hormone receptor induce apoptosis specifically in retinoblastoma cells. *Proceedings of the National Academy of Sciences of the United States of America, 113(50):14396-14401.*
87	Huang T.T., Zhou Y.H., Cheng A.S.L., Yu J., To K.F., Kang W. (2016). NOTCH receptors in gastric and other gastrointestinal cancers: oncogenes or tumor suppressors? *Molecular Cancer, 15:80.*
88	Zhou X.N., Yue G.G.L., Liu M.H., Zuo Z.L., Lee J.K.M., Li M.Y., Tsui S.K.W., Fung K.P., Sun H.D., Pu J.X., Lau C.B.S. (2016). Eriocalyxin B, a natural diterpenoid, inhibited VEGF-induced angiogenesis and diminished angiogenesis-dependent breast tumor growth by suppressing VEGFR-2 signaling. *Oncotarget, 7(50):82820-82835.*
89	Liu C.Q, Huang Y. (2016). Chinese Herbal Medicine on Cardiovascular Diseases and the Mechanisms of Action. *Frontiers in Pharmacology, 7:469.*
90	Holly Y. Chen, Suk Ling Ma, Wei Huang, Lindan Ji, Vincent H.K. Leung, Honglin Jiang, Xiaoqiang Yao, Nelson L.S. Tang. (2016). The mechanism of transactivation regulation due to polymorphic short tandem repeats (STRs) using IGF1 promoter as a model. *Scientific Reports, 6:38225.*
91	Liu J.F., Wang W.L., Liu M., Su L.M., Zhou H., Xia Y., Ran J.H., Lin H.Y., Yang B.X. (2016). Repulsive guidance molecule b inhibits renal cyst development through the bone morphogenetic protein signaling pathway. *Cellular Signalling, 28(12):1842-1851.*
92	Yun-Ting Zhang, Fei-Mi Li, Yi-Zhen Guo, Li-Rong Jiang, Juan Ma, Ya Ke, Zhong-Ming Qian. (2016). (Z)-ligustilide increases ferroportin1 expression and ferritin content in ischemic SH-SY5Y cells. *European Journal of Pharmacology, 792:48-53.*
93	Tsui J.C., Lau C.P., Cheung A.C., Wong K.C., Huang L., Tsui S.K., Kumta S.M. (2016). Differential expression of filamin B splice variants in giant cell tumor cells. *Oncology Reports, 36(6):3181-3187.*
94	Wu W.K.K., Chan M.T.V., Cheng A.S.L. (2016). A transcriptional-microRNA network for beta-catenin-driven stemness in hepatocellular carcinoma. *Translational Cancer Research, 5(Suppl. 7):S1408-S1412.*

95	Wat E., Ng C.F., Liu C.L., Zhang C., Koon C.M., Lau C.P., Wong C.W., Pang K.Y., Zhang X., Fung K.P., Lau C.B.S., Leung P.C. (2016). Effect of combined use of Fructus Schisandrae and statin on high-fat-diet-induced metabolic syndrome in rats. *Hong Kong Medical Journal, 22(6 Suppl 6):24-27.*
96	Cho C.H., Yu J., Wu W.K.K. (2016). Identification of Pathogenic microRNAs in Helicobacter pylori-associated Gastric Cancer Using a Combined Approach of Animal Study and Clinical Sample Analysis. *Hong Kong Medical Journal, Suppl. 22(6):13-18.*
97	Cheng Suosuo, So Wing Yan, Zhang Dan, Cheng Qianni, Boucher BJ, Leung Po Sing. (2016). Calcitriol Reduces Hepatic Triglyceride Accumulation and Glucose Output Through Ca2+/CaMKK beta/AMPK Activation Under Insulin-Resistant Conditions in Type 2 Diabetes Mellitus. *Current Molecular Medicine, 16(8):747-758.*
98	Chan C.L.K., Chan W.Y., Cheng C.H.K., Xia P. (2016). What is Missing in STD Screening in Hong Kong? *American Medical Journal, 7(2):13-18.*
99	Yu Jun, Feng Qiang, Wong Sunny Hei, Zhang Dongya, Liang Qiaoyi, Qin Youwen, Tang Longqing, Zhao Hui, Stenvang Jan, Li Yanli, Wang Xiaokai, Xu Xiaoqiang, Chen Ning, Wu William Ka Kei, Al-Aama Jumana, Nielsen Hans Jørgen, Kiilerich Pia, Jensen Benjamin Anderschou Holbech, Yau Tung On, Lan Zhou, Jia Huijue, Li Junhua, Xiao Liang, Lam Thomas Yuen Tung, Ng Siew Chien, Cheng Alfred Sze-Lok, Wong Vincent Wai-Sun, Chan Francis Ka Leung, Xu Xun, Yang Huanming, Madsen Lise, Datz Christian, Tilg Herbert, Wang Jian, Brünner Nils, Kristiansen Karsten, Arumugam Manimozhiyan, Sung Joseph Jao-Yiu, Wang Jun. (2017). Metagenomic analysis of faecal microbiome as a tool towards targeted non-invasive biomarkers for colorectal cancer. *Gut, 66(1):70-78.*
100	Yvonne Y Li, Grace Tin-Yun Chung, Vivian W.Y. Lui, Ka-Fai To, Brigette Buig-Yue Ma, Chit Chow, John Kong-Sang Woo, Kevin Y. Yip, Jeongsun Seo, Edwin Pun Hui, Michael Ko-Fung Mak, Maria Rusan, Nicole G. Chau, Yvonne Yan-Yan Or, Marcus Hung-Nam Law, Peggy Pui-Ying Law, Zoey Wing-Yee Liu, Hoi Lam Ngan, Krista R. Verhoeft, Peony H.Y. Poon, Seong-Keun Yoo, Jong-Yeon Shin, Sau-Dan Lee, Samantha Wei-Man Lun, Anthony Wing-Hung Chan, Jason Ying-Kuen Chan, Paul Bo-San Lai, Choi-Yi Fung, Suet-Ting Hung, Lin Wang Lin, Ann Margaret V. Chang, Simion I. Chiosea, Matthew Louis Hedberg, Sai-Wah Tsao, Charles Andrew van Hasselt, Anthony Tak-Cheung Chan, Jennifer R. Grandis, Peter S. Hammerman, Kwok-Wai Lo. (2017). Exome and Genome Sequencing of Nasopharynx Cancer Identifies NF-kB Pathway Activating Mutations. *Nature Communications, 8:14121.*
101	William K.K. Wu, Xiangchun Li, Xiansong Wang, Rudin Z.W. Dai, Alfred S.L. Cheng, Maggie H.T. Wang, Thomas Kwong, Tai C. Chow, Jun Yu, Matthew T.V. Chan and Sunny H. Wong. (2017). Oncogenes without a Neighboring Tumor-Suppressor Gene Are More Prone to Amplification. *Molecular Biology and Evolution, 34(4):903-907.*
102	Zhengqing LIU, Jinghui GUO, Yan WANG, Zhihui WENG, Biao HUANG, Mei Kuen YU, Xiaohu ZHANG, Ping YUAN, Hui ZHAO, Wai Yee CHAN, Xiaohua JIANG, Hsiao Chang CHAN. (2017). CFTR-β-catenin interaction regulates mouse embryonic stem cell differentiation and embryonic development. *Cell Death and Differentiation, 24(1):98-110.*
103	Lili Li, Chen Li, Haitao Mao, Zhenfang Du, Wai Yee Chan, Paul Murray, Bing Luo, Anthony Tak-Cheung Chan, Tony Shu-Kam Mok, Francis Ka-Leung Chan, Richard Ambinder, Qian Tao. (2017). Epigenetic Inactivation of the Cpg Demethylase Tet1 as a Dna Methylation Feedback Loop in Upper Aerodigestive Tract and Gastrointestinal Cancers. *Clinical Gastroenterology and Hepatology, 15(1):e46-e46.*
104	Li Chi-Han, Xiao Zhangang, Tong Joanna Hung–Man, To Ka-Fai, Fang Xiangdong, Cheng Alfred Sze Lok, Chen Yangchao. (2017). EZH2 coupled with HOTAIR to silence MicroRNA-34a by the induction of heterochromatin formation in human pancreatic ductal adenocarcinoma. *International Journal of Cancer, 140(1):120-129.*
105	Cai G., Wu D., Wang Z., Xu Z., Wong K.B., Ng C.F., Chan F.L., Yu S. (2017). Collapsin response mediator protein-1 (CRMP1) acts as an invasion and metastasis suppressor of prostate cancer via its suppression of epithelial–mesenchymal transition and remodeling of actin cytoskeleton organization. *Oncogene, 36(4):546-558.*
106	Tsvetkov, Kaßmann, Tano, Chen, Schleifenbaum, Voelkl, Lang, Huang, Gollasch. (2017). Do KV 7.1 channels contribute to control of arterial vascular tone? *British journal of pharmacology, 174(2):150-162.*
107	YANG Jie, LIN Yonghui, YANG Xiaodan, NG Tzi Bun, YE Xiuyun, LIN Juan. (2017). Degradation of tetracycline by immobilized laccase and the proposed transformation pathway. *Journal of Hazardous Materials, 322 :525-531.*
108	Man LIU, Jingying ZHOU, Zhiwei CHEN, Alfred Sze-Lok CHENG. (2017). Understanding the epigenetic regulation of tumours and their microenvironments: opportunities and problems for epigenetic therapy. *Journal of Pathology, 241(1):10-24.*
109	Wing Pui TSANG, Fengjie ZHANG, Qiling HE, Waijiao CAI, Jianhua HUANG, Wai Yee CHAN, Ziyin SHEN, Chao WAN. (2017). Icaritin enhances mESC self-renewal through upregulating core pluripotency transcription factors mediated by ERα. *Scientific Reports, 7:40894.*
110	David William GREEN, Kenneth Ka-Ho LEE, Jolanta Anna WATSON, Hyun-Yi KIM, Kyung-Sik YOON, Eun-Jung KIM, Jong-Min LEE, Gregory Shaun WATSON, Han-Sung JUNG. (2017). High Quality Bioreplication of Intricate Nanostructures from a Fragile Gecko Skin Surface with Bactericidal Properties. *Scientific Reports, 7:41023.*
111	TU Jiajie, YANG Yanzhou, CHEUNG Hoi Hung Albert, CHEN Zi Jiang, Chan Wai Yee. (2017). Conserved miR-10 family represses proliferation and induces apoptosis in ovarian granulosa cells. *Scientific Reports, 7:41304.*
112	Ke-feng Wu, Wei-Cheng Liang, Lu Feng, Jian-xin Pang, Mary Miu-Yee Waye, Jin-Fang Zhang, Wei-Ming Fu. (2017). H19 mediates methotrexate resistance in colorectal cancer through activating Wnt/β-catenin pathway. *Experimental Cell Research, 350(2):312-317.*
113	Ma B., Kan W.L.T., Zhu H., Li S.L., Lin G. (2017). Sulfur fumigation reducing systemic exposure of ginsenosides and weakening immunomodulatory activity of ginseng. *Journal of Ethnopharmacology, 195:222-230.*
114	Miao LI, Qin LIU, Yajuan CUI, Dong LI, Hexiang WANG, Tzi Bun NG. (2017). Isolation and Characterization of a Phaseolus vulgaris Trypsin Inhibitor with Antiproliferative Activity on Leukemia and Lymphoma Cells. *Molecules, 22(1):187.*
115	Tam I.Y.S., Ng C.W., Tam S.Y., Lau H.Y.A. (2017). Novel six-week protocol for generating functional human connective tissue-type (MCTC) mast cells from buffy coats. *Inflammation Research, 66(1):25-37.*
116	Ma B.L., Yang Y., Dai Y., Li Q., Lin G., Ma Y.M. (2017). Polyethylene glycol 400 (PEG400) affects the systemic exposure of oral drugs based on multiple mechanisms: taking berberine as an example. *RSC Advances, 7(5):2435-2442.*
117	Zengbing LU, Chi Kong YEUNG, Ge LIN, Tai Wai David YEW, P.L.R. ANDREWS, John A. RUDD. (2017). Insights into the central pathways involved in the emetic and behavioural responses to exendin-4 in the ferret. *Autonomic Neuroscience-Basic & Clinical, 202:122-135.*
118	Ching Yan Chu, Ling Ying Tang, Lu Li, Alisa Sau Wun Shum, Kwok Pui Fung, Chi Chiu Wang. (2017). Adverse reproductive effects of maternal low-dose melamine exposure during pregnancy in rats. *Environmental Toxicology, 32(1):131-138.*

119	WANG Shi Wei, CHEUNG Ho Pan, TONG Yao, LU Jia, NG Tzi Bun, ZHANG Yan Bo, ZHANG Zhang Jin, LEE Kai Fai, LAM Jenny Ka Wing, SZE Stephen Cho Wing. (2017). Steroidogenic effect of Erxian decoction for relieving menopause via the p-Akt/PKB pathway in vitro and in vivo. *AMB Express, 195:188-195.*
120	Guang-Hui LIU, Cheng-Zhou MAO, Hai-Yan WU, Deng-Cheng ZHOU, Jing-Bo XIA, Soo-Ki KIM, Dong-Qing CAI, Hui ZHAO, Xu-Feng QI. (2017). Expression profile of rrbp1 genes during embryonic development and in adult tissues of Xenopus laevis. *Gene Expression Patterns, 23–24:1-6.*
121	WANG Chaoqun, FOK Kin Lam, CAI Zhiming, CHEN Hao, CHAN Hsiao Chang. (2017). CD147 regulates extrinsic apoptosis in spermatocytes by modulating NFκB signaling pathways. *Oncotarget, 8(2):3132-3143.*
122	Wai Yee CHAN, Yong Gang YAO. (2017). New Year Address of Zoological Research. *Zoological Research, 38(1):1-1.*
123	Chunman Li, Xiaomin Luo, Shan Zhao, Gavin KY Siu, Yongheng Liang, Hsiao Chang Chan, Ayano Satoh & Sidney SB Yu. (2017). COPI-TRAPPII activates Rab18 and regulates its lipid droplet association. *EMBO Journal, 36(4):441-457.*
124	Xu Zhang, Qianni Cheng, Yixiang Wang, Po Sing Leung, Kinglun Kingston Mak. (2017). Hedgehog signaling in bone regulates whole-body energy metabolism through a bone–adipose endocrine relay mediated by PTHrP and adiponectin. *Cell Death and Differentiation, 24 :225-237.*
125	Wai San Cheang, Wing Tak Wong, Lei Zhao, Jian Xu, Li Wang, Chi Wai Lau, Zhen Yu Chen, Ronald Ching Wan Ma, Aimin Xu, Nanping Wang, Xiao Yu Tian, Yu Huang. (2017). PPARδ Is Required for Exercise to Attenuate Endoplasmic Reticulum Stress and Endothelial Dysfunction in Diabetic Mice. *Diabetes, 66(2):519-528.*
126	Zhu L., Xue J.Y., Xia Q.S., Fu P.P., Lin G. (2017). The long persistence of pyrrolizidine alkaloid-derived DNA adducts in vivo: kinetic study following single and multiple exposures in male ICR mice. *Archives of Toxicology, 91(2):949-965.*
127	Qiling He, Claude Scott Swindle, Chao Wan, Robert J. Flynn, Robert A. Oster, Dongquan Chen, Fengjie Zhang, Yinglan Shu, Christopher A. Klug. (2017). Enhanced Hematopoietic Stem Cell Self-Renewal-Promoting Ability of Clonal Primary Mesenchymal Stromal/Stem cells Versus Their Osteogenic Progeny. *Stem Cells, 35(2):473-484.*
128	Zhen CHEN, Chunlei TANG, Yaodan ZHU, Mingxu XIE, Dongxu HE, Qiongxi PAN, Peng ZHANG, Dong HUA, Teng WANG, Linfang JIN, Xiaowei QI, Yifei ZHU, Xiaoqiang YAO, Jian JIN, Xin MA. (2017). TrpC5 regulates differentiation through the Ca2+/Wnt5a signalling pathway in colorectal cancer. *Clinical science, 131(3):227-237.*
129	Dan Zhang, Wing Yan So, Yi Wang, Shang Ying Wu, Qianni Cheng, Po Sing Leung. (2017). Insulinotropic effects of GPR120 agonists are altered in obese diabetic and obese non-diabetic states. *Clinical Science, 131(3):247-260.*
130	So H.C., Sham P.C. (2017). Improving polygenic risk prediction from summary statistics by an empirical Bayes approach. *Scientific Reports, 7:41262.*
131	Zhongkai CUI, Yun LIU, Wenwen WANG, Qian WANG, Ning ZHANG, Fan LIN, Na WANG, Changwei SHAO, Zhongdian DONG, Yangzhen LI, Yingming YANG, Mengzhu HU, Hailong LI, Fengtao GAO, Zhanfei WEI, Liang MENG, Yang LIU, Min WEI, Ying ZHU, Hua GUO, Christopher H. K. CHENG, Manfred SCHARTL, Songlin CHEN. (2017). Genome editing reveals dmrt1 as an essential male sex-determining gene in Chinese tongue sole (Cynoglossus semilaevis). *Scientific Reports, 7:42213.*
132	Mingyue Li, Li-Hua Song, Grace Gar-Lee Yue, Julia Kin-Ming Lee, Li-Mei Zhao, Lin Li, Xunian Zhou, Stephen Kwok-Wing Tsui, Simon Siu-Man Ng, Kwok-Pui Fung, Ning-Hua Tan, Clara Bik-San Lau. (2017). Bigelovin triggered apoptosis in colorectal cancer in vitro and in vivo via upregulating death receptor 5 and reactive oxidative species. *Scientific Reports, 7:42176.*
133	ZHAO Shan, LI Chun Man, LUO Xiao Min, SIU Gavin Ka Yu, GAN Wen Jia, ZHANG Lin, WU William K.K., CHAN Hsiao Chang, YU Siu Bun Sidney. (2017). Mammalian TRAPPIII Complex positively modulates the recruitment of Sec13/31 onto COPII vesicles. *Scientific Reports, 7:43207.*
134	Wukui ZHAO, Huan TONG, Yikai HUANG, Yun YAN, Huajian TENG, Yin XIA, Qing JIANG, Jinzhong QIN. (2017). Essential Role for Polycomb Group Protein Pcgf6 in Embryonic Stem Cell Maintenance and a Noncanonical Polycomb Repressive Complex 1 (PRC1) Integrity. *Journal of Biological Chemistry, 292(7):2773-2784.*
135	Shuang-Shuang YU, Li-Rong JIANG, Yan LING, Zhong-Ming QIANG, Yu-Fu ZHOU, Juan LI, Ya KE. (2017). Nifedipine Increases Iron Content in WKPT-0293 Cl.2 Cells via Up-Regulating Iron Influx Proteins. *Frontiers in Pharmacology, 8:60.*
136	Li ZHANG, Yuhang ZHOU, Tingting HUANG, Alfred S.L. CHENG, Jun YU, Wei KANG, Ka Fai TO. (2017). The Interplay of LncRNA-H19 and Its Binding Partners in Physiological Process and Gastric Carcinogenesis. *International Journal of Molecular Sciences, 18(2):pii: E450.*
137	Mingxing LI, Longfei LI, Lin ZHANG, Zhangang XIAO, Jing SHEN, Wei HU, Qiang ZENG, Chi Hin CHO. (2017). Vitamin D and Cancer Stem Cells in the Gastrointestinal Tract. *Current Medicinal Chemistry, 24(9):918-927.*
138	LIU Qin, ZHU Mengjuan, GENG Xueran, WANG Hexiang, NG Tzi Bun. (2017). Characterization of Polysaccharides with Antioxidant and Hepatoprotective Activities from the Edible Mushroom Oudemansiella radicata. *Molecules, 22(2):234.*
139	Genevieve Z. STEINER, Sai Wang SETO, Yiu Wa KWAN, Crystal HASKELL-RAMSAY, David A. CAMFIELD. (2017). Complementary Medicine for the Modification of Risk Factors for Cognitive Impairment. *Evidence-Based Complementary and Alternative Medicine, 2017:9472859.*
140	Xiaonian CAO, Jiehong HUANG, Geng ZHANG, Wulin ZUO, Chongfeng LAN, Qing SUN, Dengliang YANG, Dongdong GAO, Christopher H.K. CHENG, Wen-Liang ZHOU. (2017). Functional expression of G protein-coupled receptor 30 in immature rat epididymal epithelium. *Cell Biology International, 41(2):134-146.*
141	Rong Zhou, Ya-Jie Han, Min-Hui Zhang, Ke-Ren Zhang, Tzi Bun Ng, Fang Liu. (2017). Purification and characterization of a novel ubiquitin-like antitumour protein with hemagglutinating and deoxyribonuclease activities from the edible mushroom Ramaria botrytis. *AMB Express, 7(1):47.*
142	Fai Lee Yin, Ching Chi Kwok Ritchie, Chi Kei Wong Ian, Wai Yan Lui Vivian. (2017). The Pharmacogenomic Era in Asia: Potential Roles and Challenges for Asian Pharmacists. *Journal of Pharmacogenomics & Pharmacoproteomics, 8(1):1000164.*
143	Jianqi WANG, Fengjie ZHANG, Wing Pui TSANG, Chao WAN, Chi WU. (2017). Fabrication of injectable high strength hydrogel based on 4-arm star PEG for cartilage tissue engineering. *Biomaterials, 120:11-21.*
144	Zhou M.Y., Mom M.T.S., Sun H.Y., Chan A.W.H., Huang Y., Cheng A.S.L., Xu G. (2017). The anti-diabetic drug exenatide, a glucagon-like peptide-1 receptor agonist, counteracts hepatocarcinogenesis through cAMP-PKA-EGFR-STAT3 axis. *Oncogene, 36(29):4135-4149.*

145	Jiayin Yang, Yu Wang, Ting Zhou, Lai-Yung Wong, Xiao-Yu Tian, Xueyu Hong, Wing-Hon Lai, Ka-Wing Au, Rui Wei, Yuqing Liu, Lai-Hung Cheng, Guichan Liang, Zhijian Huang, Wenxia Fan, Ping Zhao, Xiwei Wang, David P. Ibañez, Zhiwei Luo, Yingying Li, Xiaofen Zhong, Shuhan Chen, Dongye Wang, Li Li, Liangxue Lai, Baoming Qin, Xichen Bao, Andrew P. Hutchins, Chung-Wah Siu, Yu Huang, Miguel A. Esteban, Hung-Fat Tse (2017). Generation of Human Liver Chimeric Mice with Hepatocytes from Familial Hypercholesterolemia Induced Pluripotent Stem Cells. *Stem Cell Reports, 8(3):605-618.*
146	Chen R., Lee Wayne Y.W., Zhang X.H., Zhang J.T., Lin S., Xu L.L., Huang B., Yang F.Y., Liu H.L., Wang B., Tsang L.L., Willaime-Morawek S., Li G., Chan H.C., Jiang X. (2017). Epigenetic Modification of the CCL5/CCR1/ERK Axis Enhances Glioma Targeting in Dedifferentiation-Reprogrammed BMSCs. *Stem Cell Reports, 8(3):743-757.*
147	Cheung Kwan YEUNG, Guang WANG, Yao YAO, Jianxin LIANG, Cheuk Yiu Tenny CHUNG, Manli CHUAI, Kenneth Ka Ho LEE, Xuesong YANG. (2017). BRE modulates granulosa cell death to affect ovarian follicle development and atresia in the mouse. *Cell Death & Disease, 8:e2697.*
148	Huo M.Y., Huang Y.H., Qu D., Zhang H.S., Wong W.T., Chawla A., Huang Y., Tian X.Y. (2017). Myeloid Bmal1 deletion increases monocyte recruitment and worsens atherosclerosis. *FASEB Journal, 31(3):1097-1106.*
149	So H.C., Sham P.C. (2017). Exploring the predictive power of polygenic scores derived from genome-wide association studies: a study of 10 complex traits. *Bioinformatics, 33(6):886-892.*
150	Shao-Jun ZHAO, De-Hua WANG, Yan-Wei LI, Lei HAN, Xing XIAO, Min MA, David Chi-Cheong WAN, An Hong, Yi MA. (2017). A novel selective VPAC2 agonist peptide-conjugated chitosan modified selenium nanoparticles with enhanced anti-type 2 diabetes synergy effects. *International Journal of Nanomedicine, 12:2143-2160.*
151	F. Mottarlini, L. Caffino, A. Piva, G. Giannotti, M. Di Chio, M. Venniro, D.T. Yew, C. Chiamulera, F. Fumagalli. (2017). Effects of long-term ketamine self-administration on the glutamate synapse. *European Neuropsychopharmacology, 27(Suppl 1):S88-S89.*
152	Xiang J., Wang Z., Liu Q., Li X., Sun J., Fung K.P., Liu F. (2017). DMFC (3,5-dimethyl-7H-furo[3,2-g]chromen-7-one) regulates Bim to trigger Bax and Bak activation to suppress drug-resistant human hepatoma. *Apoptosis, 22(3):381-392.*
153	Liu Y., Tang H., Xie R., Li S., Liu X., Lin H., Zhang Y., Cheng C.H. (2017). Genetic Evidence for Multifactorial Control of the Reproductive Axis in Zebrafish. *Endocrinology, 158(3):604-611.*
154	Wong C.M., Zhang Lin, Wu William K.K., Shen Jing, Chan Ruby L.Y., Lu Lan, Hu Wei, Li Ming X, Li Long F., Ren Shun X., Li Yi F., Li Jiang, Cho Chi H. (2017). Cathelicidin-encoding Lactococcus lactis promotes mucosal repair in murine experimental colitis. *Journal of Gastroenterology and Hepatology, 32(3):609-619.*
155	Wei-Cheng Liang, Pu-Ping Liang, Cheuk-Wa Wong, Tzi-Bun Ng, Jun-Jiu Huang, Jin-Fang Zhang, Mary Miu-Yee Waye, Wei-Ming Fu. (2017). CRISPR/Cas9 Technology Targeting Fas Gene Protects Mice From Concanavalin-A Induced Fulminant Hepatic Failure. *Journal of Cellular Biochemistry, 118(3):530-536.*
156	Wang Lin, Wang Yi, Li Xingyu, Leung Po Sing. (2017). Angiotensin II Type 2 Receptor Activation With Compound 21 Augments Islet Function and Regeneration in Streptozotocin-Induced Neonatal Rats and Human Pancreatic Progenitor Cells. *Pancreas, 46(3):395-404.*
157	Shitao Rao, Cherry She Ting Leung, Macro Hb Lam, Yun Kwok Wing, Mary Miu Yee Waye, Stephen Kwok Wing Tsui. (2017). Resequencing three candidate genes discovers seven potentially deleterious variants susceptibility to major depressive disorder and suicide attempts in Chinese. *Gene, 603:34-41.*
158	Qian Y., Wong C.C., Xu J., Chen H., Zhang Y., Kang W., Wang H., Zhang L., Li W., Chu E.S.H., Go M.Y.Y., Chiu P.W.Y., Ng E.K.W., Chan F.K.L., Sung J.J.Y., Si J., Yu J. (2017). Sodium Channel Subunit SCNN1B Suppresses Gastric Cancer Growth and Metastasis via GRP78 Degradation. *Cancer Research, 77(8):1968-1982.*
159	Zhou Yuhang, Huang Tingting, Siu Ho Lam, Wong Chi Chun, Dong Yujuan, Wu Feng, Zhang Bin, Wu William K.K., Cheng Alfred S.L., Yu Jun, To Ka Fai, Kang Wei. (2017). IGF2BP3 functions as a potential oncogene and is a crucial target of miR-34a in gastric carcinogenesis. *Molecular Cancer, 16(1):77.*
160	Leo M.Y. LEE, Maran B.W. LEUNG, Rachel C.Y. KWOK, Yun Chung LEUNG, Chi Chiu WANG, Peter J. MCCAFFERY, Andrew J. COPP, Alisa S.W. SHUM. (2017). Perturbation of Retinoid Homeostasis Increases Malformation Risk in Embryos Exposed to Pregestational Diabetes. *Diabetes, 66(4):1041-1051.*
161	Chi Ming WONG, Chak Leung AU, Suk Ying TSANG, Chi Wai LAU, Xiaoqiang YAO, Zongwei CAI, Arthur Chi-Kong CHUNG. (2017). Role of inducible nitric oxide synthase in endothelium-independent relaxation to raloxifene in rat aortas. *British Journal of Pharmacology, 174(8):718-733.*
162	Chang W.C., Kwong V.W.Y., Lau E.S.K., So H.C., Wong C.S.M., Chan G.H.K., Jim O.T.T., Hui C.L.M., Chan S.K.W., Lee E.H.M., Chen E.Y.H. (2017). Sustainability of treatment effect of a 3-year early intervention programme for first-episode psychosis. *British Journal of Psychiatry, 211(1):37-44.*
163	Lu Gang, Wong Man Sze, Xiong Mark Zhi Qiang, Leung Chi Kwan, Su Xian Wei, Zhou Jing Ye, Poon Wai Sang, Zheng Vera Zhi Yuan, Chan Wai Yee, Wong George Kwok Chu. (2017). Circulating MicroRNAs in Delayed Cerebral Infarction After Aneurysmal Subarachnoid Hemorrhage. *Journal of the American Heart Association, 6(4):e005363.*
164	Yun YAN, Wukui ZHAO, Yikai HUANG, Huan TONG, Yin XIA, Qing JIANG, Jinzhong QIN. (2017). Loss of Polycomb Group Protein Pcgf1 Severely Compromises Proper Differentiation of Embryonic Stem Cells. *Scientific Reports, 7:46276.*
165	Lin LI, Grace Gar-Lee YUE, Julia Kin-Ming LEE, Eric Chun-Wai WONG, Kwok-Pui FUNG, Jun YU, Clara Bik-San LAU, Philip Wai-Yan CHIU. (2017). The adjuvant value of Andrographis paniculata in metastatic esophageal cancer treatment–from preclinical perspectives. *Scientific Reports, 7:854.*
166	Congcong Lin, Blenda Chi Kwan Wong, Hubiao Chen, Zhaoxiang Bian, Ge Zhang, Xue Zhang, Muhammad Kashif Riaz, Deependra Tyagi, Ge Lin, Yanbo Zhang, Jinjin Wang, Aiping Lu, ZhijunYang. (2017). Pulmonary delivery of triptolide-loaded liposomes decorated with anti-carbonic anhydrase IX antibody for lung cancer therapy. *Scientific Reports, 7(1):1097.*
167	LEUNG Po Sing. (2017). The potential of irisin as a therapeutic for diabetes. *Future Medicinal Chemistry, 9(6):529-532.*
168	LIU Faaang, WANG Yinping, ZHANG Keren, WANG Yijun, ZHOU Rong, ZENG Yan, Han Yajie, NG Tzibun. (2017). A novel polysaccharide with antioxidant, HIV protease inhibiting and HIV integrase inhibiting activities from Fomitiporia punctata (P. karst.) murrill (Basidiomycota, hymenochaetales). *International Journal of Biological Macromolecules, 97:339-347.*

169	Changbo Zheng, Chun-Yin Lo, Zhaoyue Meng, Zhichao Li, Mingkui Zhong, Peng Zhang, Jun Lu, Zhaoxiang Yang, Fuman Yan, Yunting Zhang, Yu Huang, Xiaoqiang Yao. (2017). Gastrodin Inhibits Store-Operated Ca^{2+} Entry and Alleviates Cardiac Hypertrophy. *Frontiers in Pharmacology, 8:222.*
170	Sing Wan Wong, Yifei Yao, Ye Hong, Zhiyao Ma, Stanton H.L. Kok, Shan Sun, Michael Cho, Kenneth K.H. Lee, Arthur F.T. Mak. (2017). Preventive Effects of Poloxamer 188 on Muscle Cell Damage Mechanics Under Oxidative Stress. *Annals of Biomedical Engineering, 45(4):1083-1092.*
171	Ihsan ULLAH, Fazal SUBHAN, Zengbing LU, Sze Wa CHAN, John A. RUDD. (2017). Action of Bacopa monnieri to antagonize cisplatin-induced emesis in Suncus murinus (house musk shrew). *Journal of Pharmacological Sciences, 133(4):232-239.*
172	Sing Wan WONG, Brian Chun Ho CHEUNG, Bruce Tak Keung PANG, Ateline KWONG, Anna CHUNG, Kenneth Ka Ho LEE, Arthur Fut Tak MAK. (2017). Intermittent vibration protects aged muscle from mechanical and oxidative damage under prolonged compression. *Journal of Biomechanics, 55:113-120.*
173	Caroline Oi-Ling Yu, Kwok-Sui Leung, Kwok-Pui Fung, Francis Fu-Yuen Lam, Ethel Sau-Kuen Ng, Kit-Man Lau, Simon Kwoon-Ho Chow, Wing-Hoi Cheung. (2017). The characterization of a full-thickness excision open foot wound model in n5-streptozotocin (STZ)-induced type 2 diabetic rats that mimics diabetic foot ulcer in terms of reduced blood circulation, higher C-reactive protein, elevated inflammation, and reduced cell proliferation. *Experimental Animals, 66(3):259-269.*
174	Chunman LI, Meiqi ZENG, Huju CHI, Jing SHEN, Tzi-Bun NG, Guangyi JIN, Desheng LU, Xinmin FAN, Bilian XIONG, Zhangang XIAO, Ou SHA. (2017). Trichosanthin increases Granzyme B penetration into tumor cells by upregulation of CI-MPR on the cell surface. *Oncotarget, 8(16):26460-26470.*
175	Qiuhong Li, Andrew P. Hutchins, Yong Chen, Shengbiao Li, Yongli Shan, Baojian Liao, Dejin Zheng, Xi Shi, Yinxiong Li, Wai-Yee Chan, Guangjin Pan, Shicheng Wei, Xiaodong Shu, Duanqing Pei. (2017). A sequential EMT-MET mechanism drives the differentiation of human embryonic stem cells towards hepatocytes. *Nature Communications, 8:15166.*
176	Nga Chu Lui, Wing Yip Tam, Caiji Gao, Jian-Dong Huang, Chi Chiu Wang, Liwen Jiang, Wing Ho Yung, Kin Ming Kwan. (2017). Lhx1/5 control dendritogenesis and spine morphogenesis of Purkinje cells via regulation of Espin. *Nature Communications, 8:15079.*
177	Xiao-Mei WU, Christopher QIAN, Yu-Fu ZHOU, Yick-Chun YAN, Qian-Qian LUO, Wing-Ho YUNG, Fa-Li ZHANG, Li-Rong JIANG, Zhong Ming QIAN, Ya KE. (2017). Bi-directionally protective communication between neurons and astrocytes under ischemia. *Redox Biology, 13:20-31.*
178	Ke CHEN, Qianqian LIU, Lai Ling TSANG, Qiao YE, Hsiao Chang CHAN, Yunwei SUN, Xiaohua JIANG. (2017). Human MSCs promotes colorectal cancer epithelial-mesenchymal transition and progression via CCL5/β-catenin/Slug pathway. *Cell Death & Disease, 8(5):e2819.*
179	Zhou, Zhang, Lam, Chan, Mok, Chan, Li, Liu, Tang, Yung, Wing. (2017). Excessive Daytime Sleepiness Predicts Neurodegeneration in Idiopathic REM Sleep Behavior Disorder. *Sleep, 40(5):zsx041.*
180	ZHOU Jingying, LIU Man, SUN Hangyong, FENG Yu, WONG John, CHAN Anthony W.H., CHOW King-Lau, CHEN Zhiwei, CHENG Alfred S.L. (2017). Eradication of hepatocellular carcinoma by augmenting PD-L1 blockade efficacy with suppression of cell-cycle related kinase (CCRK)-induced myeloid-derived suppressor cells. *Journal of immunology, 198(Suppl. 1):204.22.*
181	Yang Jie, Li Wenjuan, Ng Tzi Bun, Deng Xiangzhen, Lin Juan, Ye Xiuyun. (2017). Laccases: Production, Expression Regulation, and Applications in Pharmaceutical Biodegradation. *Frontiers in Microbiology, 8:832.*
182	Ting XIE, Po Sing LEUNG. (2017). Fibroblast Growth Factor 21: A Regulator of Metabolic Disease and Health Span. *American Journal of Physiology-Endocrinology and Metabolism, 313(3):E292-E302.*
183	Cheng-cheng Tang, Li Pik Shan, Wu-ming Wang, Gang Lu, Rahul S. Tare, Kenneth Ka Ho Lee. (2017). Generation of a Bag1 homozygous knockout mouse embryonic stem cell line using CRISPR/Cas9. *Stem Cell Research, 21:29-31.*
184	Qi LI, Lin Shi, Gang LU, Hong-Luan YU, Fu-Ki YEUNG, Nai-Kei WONG, Lin SUN, Kai LIU, David YEW, Fang PAN, De-Feng WANG, Pak C. SHAM. (2017). Chronic Ketamine Exposure Causes White Matter Microstructural Abnormalities in Adolescent Cynomolgus Monkeys. *Frontiers in Neuroscience, 11:285.*
185	CHI Huju, LI Chunman, ZHAO Flora Sha, ZHANG Li, NG Tzi Bun, JIN Guangyi, SHA Ou. (2017). Anti-tumor Activity of Toll-Like Receptor 7 Agonists. *Frontiers in Pharmacology, 8:304.*
186	Haipei TANG, Yun LIU, Jianzhen LI, Gaofei LI, Yu CHEN, Yike YIN, Yin GUO, Christopher H.K. CHENG, Xiaochun LIU, Haoran LIN. (2017). LH signaling induced ptgs2a expression is required for ovulation in zebrafish. *Molecular and Cellular Endocrinology, 447(C):125-133.*
187	Yu-Fu ZHOU, Chao ZHANG, Guang YANG, Zhong-Ming QIAN, Meng-Wan ZHANG, Juan MA, Fa-Li ZHANG, Ya KE. (2017). Hepcidin Protects Neuron from Hemin-Mediated Injury by Reducing Iron. *Frontiers in Physiology, 8:332.*
188	Juan FANG, Xiaoxu LI, Da MA, Xiangqi LIU, Yichen CHEN, Yun WANG, Vivian Wai Yan LUI, Juan XIA, Bin CHENG, Zhi WANG. (2017). Prognostic significance of tumor infiltrating immune cells in oral squamous cell carcinoma. *BMC Cancer, 17:375.*
189	Kenneth K.W. To, Xu Wu, Chun Yin, Stella Chai, Sheng Yao, Onat Kadioglu, Thomas Efferth, Yang Ye, Ge Lin. (2017). Reversal of multidrug resistance by Marsdenia tenacissima and its main active ingredients polyoxypregnanes. *Journal of Ethnopharmacology, 203:110-119.*
190	Kelvin K.W. KAN, Man K. WAI, Robert L. JONES, John A. RUDD. (2017). Role of prostanoid EP3/1 receptors in mechanisms of emesis and defaecation in ferrets. *European Journal of Pharmacology, 803:112-117.*
191	Gan W, Zhang C, Siu KY, Satoh A, Tanner JA, Yu S. (2017). ULK1 phosphorylates Sec23A and mediates autophagy-induced inhibition of ER-to-Golgi traffic. *BMC Cell Biology, 18:22.*
192	Longlong TU, Lauren POPPI, John RUDD, Ethan T. CRESSWELL, Doug W. SMITH, Alan BRICHTA, Eugene NALIVAIKO. (2017). Alpha-9 nicotinic acetylcholine receptors mediate hypothermic responses elicited by provocative motion in mice. *Physiology & behavior, 174:114-119.*
193	L. Qin, S.H. Wong, F.H. Sun, Y. Huang, S. Sheridan, C.H.P. Sit. (2017). The effect of carbohydrate and protein co-ingestion on energy substrate metabolism, sense of effort, and affective responses during prolonged strenuous endurance exercise. *Physiology & Behavior, 174:170-177.*
194	Jinglin Yang, Sharon L. Wu, Maggie S.M. Chow, Maria S.M. Wai, David T. Yew (2017). New elements in the interreceptor matrix: a comparative study of Megavilli and Landolt's club. *Microscopy Research and Technique, 80(5):525-529.*
195	Lijun MA, Hongli YAN, Hui ZHAO, Jianmin SUN. (2017). Grainyhead-like 2 in development and cancer. *Tumour Biology, 39(5):1010428317698370*.

196	Zheng Lu, Zheng-Quan Lai, Albert W.N. Leung, Po Sing Leung, Zhao-Shen Li, Zhi-Xiu Lin. (2017). Exploring brusatol as a new anti-pancreatic cancer adjuvant: biological evaluation and mechanistic studies. *Oncotarget, 8(49):84974-84985.*
197	甄霞, 吳秀娟, 林富源. (2017). 蛋白酶激活受體-2在大鼠體內體外腦缺血模型中的作用研究. *中南藥學, 15(5):595-600.*
198	Qian Li, Ho Ko, Zhong-Ming Qian, Leo Y.C. Yan, Danny C.W. Chan, Gordon Arbuthnott, Ya Ke & Wing-Ho Yung. (2017). Refinement of learned skilled movement representation in motor cortex deep output layer. *Nature Communications, 8:15834.*
199	Xiao-yan HE, Zheng-lan TAN, Qin MOU, Fang-jie LIU, Shan LIU, Chao-wen YU, Jin ZHU, Lin-ya LV, Jun ZHANG, Shan WANG, Li-ming BAO, Bin PENG, Hui ZHAO, Lin ZOU. (2017). microRNA-221 Enhances MYCN via Targeting Nemo-like Kinase and Functions as an Oncogene Related to Poor Prognosis in Neuroblastoma. *Clinical Cancer Research, 23(11):2905-2918.*
200	Stephen Yu Ting Li, Sam Tsz Wai Cheng, Dan Zhang, Po Sing Leung (2017). Identification and Functional Implications of Sodium/Myo-Inositol Cotransporter 1 in Pancreatic β-Cells and Type 2 Diabetes. *Diabetes, 66(6):1258-1271.*
201	Lu FENG, Yee-Lok YUEN, Jian XU, Xing LIU, Martin Yan-Chun CHAN, Kai WANG, Wing-Ping FONG, Wing-Tai CHEUNG, Susanna Sau-Tuen LEE. (2017). Identification and characterization of a novel PPARα-regulated and 7α-hydroxyl bile acid-preferring cytosolic sulfotransferase mL-STL (Sult2a8). *Journal of Lipid Research, 58(6):1114-1131.*
202	Xiao-Yu Zhang, Tsz Kin Ng, Mårten Erik Brelén, Kwok Ping Chan, Di Wu, Jasmine Sum Yee Yung, Di Cao, Yumeng Wang, Shaodan Zhang, Sun On Chan, Chi Pui Pang. (2017). Disruption of retinal pigment epithelial cell properties under the exposure of cotinine. *Scientific Reports, 7:3139.*
203	Peng Zhang, Xiaoyu Liu, Hongjuan Li, Zhen Chen, Xiaoqiang Yao, Jian Jin, Xin Ma. (2017). TRPC5-induced autophagy promotes drug resistance in breast carcinoma via CaMKKβ/AMPKα/mTOR pathway. *Scientific Reports, 7:3158.*
204	Longlong TU, Zengbing LU, Karolina Dieser, Christina Schmitt, Sze Wa Chan, Man P. Ngan, Paul L. R. Andrews, Eugene Nalivaiko, John A. Rudd. (2017). Brain Activation by H-1 Antihistamines Challenges Conventional View of Their Mechanism of Action in Motion Sickness: A Behavioral, c-Fos and Physiological Study in *Suncus murinus* (House Musk Shrew). *Frontiers in Physiology, 8:412.*
205	Mingxing LI, Longfei LI, Lin ZHANG, Wei HU, Jing SHEN, Zhangang XIAO, X. WU, Leung Franky CHAN, Chi Hin CHO. (2017). 1,25-Dihydroxyvitamin D3 suppresses gastric cancer cell growth through VDR- and mutant p53-mediated induction of p21. *Life Sciences, 179 :88-97.*
206	Xue Zhang, Congcong Lin, Aiping Lu, Ge Lin, Huoji Chen, Qiang Liu, Zhijun Yang, Hongqi Zhang. (2017). Liposomes equipped with cell penetrating peptide BR2 enhances chemotherapeutic effects of cantharidin against hepatocellular carcinoma. *Drug Delivery, 24(1):986-998.*
207	HO Jeffery, ZHANG Lin, LIU Xiaodong, WONG Sunny H., WANG Maggie H.T., LAU Benson W.M., NGAI Shirley P.C., CHAN Hung, CHOI Gordon, LEUNG Czarina C.H., WONG Wai T., TSANG Sharon, GIN Tony, YU Jun, CHAN Matthew T.V., WU William K.K. (2017). Pathological role and diagnostic value of endogenous host defense peptides in adult and neonatal sepsis: a systematic review. *Shock, 47(6):673-679.*
208	Carol P.Y. Lau, Jamie S.L. Kwok, Joseph C.C. Tsui, Lin Huang, Kevin Y. Yang, Stephen K.W. Tsui, Shekhar Madhukar Kumta. (2017). Genome-Wide Transcriptome Profiling of the Neoplastic Giant Cell Tumor of Bone Stromal Cells by RNA Sequencing. *Journal of Cellular Biochemistry, 118(6):1349-1360.*
209	Zhou Shuai-Zhen, Tang Chun-Ping, Ke Chang-Qiang, Yao Sheng, Lin Ge, Ye Yang. (2017). Three new dimeric diterpenes from Rhododendron molle. *Chinese Chemical Letters, 28(6):1205-1209.*
210	TSUI Pui Chi, LEE Yin Fai, F, LIU Zoey Wing Yee, IP Laura Ren Huey, PIAO Wenying, CHIANG Alan Kwok Shing, LUI Wai Yan Vivian. (2017). An update on genomic-guided therapies for pediatric solid tumors. *Future Oncology, 13(15):1345-1358.*
211	Xia Liu, Jiu-Ping Liang, Ou Sha, Song-Juan Wang, Heng-Guo Li, Eric Y.P. Cho (2017). Protection of Retinal Ganglion Cells against Optic Nerve Injury by Induction of Ischemic Preconditioning. *International Journal of Ophthalmology, 10(6):854-861.*
212	甄霞, 吳秀娟, 林富源. (2017). 蛋白酶激活受體-3在大鼠體內外腦缺血模型中的作用研究. *中南藥學, 15(6):780-785.*
213	Yi-mei Jin, Shu-zhu Zhao, Zhao-long Zhang, Yao Chen, Xin Cheng, Manli Chuai, Guo-sheng Liu, Kenneth Ka Ho Lee, Xuesong Yang. (2017). High Glucose Level Induces Cardiovascular Dysplasia During Early Embryo Development. *Experimental and Clinical Endocrinology & Diabetes, doi: 10.1055/s-0043-109696.*
214	Wu, Chow, Jiang, Yang, Zhou, Yew. (2017). Visual sexual stimulation and erection, a brief review with new fMRI data. *Current Medicinal Chemistry, 24(11):1139-1146.*
215	Roman V. Kholodenko, Daniel V. Kalinovsky, Igor I. Doronin, Eugene D. Ponomarev, Irina V. Kholodenko. (2017). Antibody Fragments as Potential Biopharmaceuticals for Cancer Therapy: Success and Limitations. *Current Medicinal Chemistry, 26(3):396-426.*
216	Jack Ho Wong, Stephen Cho Wing Sze, Tzi Bun Ng, Randy Chi Fai Cheung, Chit Tam, Kalin Yanbo Zhang, Xiuli Dan, Yau Sang Chan, William Chi Shing Cho, Charlene Cheuk Wing Ng, Mary Miu Yee Waye, Weicheng Liang, Jinfang Zhang, Jie Yang, Xiuyun Ye, Juan Lin, Xiujuan Ye, Hexiang Wang, Fang Liu, David Wai Chan, Hextan Yuen Sheung Ngan, Ou Sha, Guohui Li, Ryan Tse, Tak Fu Tse, Helen Chan. (2017). Apoptosis and anti-cancer drug discovery: The power of medicinal fungi and plants. *Current Medicinal Chemistry, 25(40):5613-5630.*
217	Xiuhong Tong, Catherine McBride, Connie Suk-han Ho, Mary Miu Yee Waye, Kevin Kien Hoa Chung, Simpson Wai Lap Wong, Bonnie Wing Yin Chow. (2017). Within- and cross-language contributions of morphological awareness to word reading and vocabulary in Chinese–English bilingual learners. *Reading and Writing.*
218	Carmen W.H. Chan, Stephen K.W. Tsui, Judy Y.W. Chan, Patrick T.W. Law, Winnie K.W. So, Doris Y.P. Leung, Michael M.K. Sham. (2017). Profiling silica-induced molecular events in human lung cells using the RNA-Seq approach. *Journal of Pulmonary and Respiratory Medicine, 7(Suppl. 2):50-50.*

Scholarly book, monograph and chapter (2017–18)
學術書籍、專題著作和書籍章節 (2017–18)

1	Yung Wui Tjong, Xiaoqiang Yao. "Methods for Evaluation of Vascular Endothelial Cell Function with Transient Receptor Potential (TRP) Channel Drugs". Edited by Kenneth R. Boheler, Rebekah L. Gundry; Published by Humana Press, New York, NY; Vol.1722, p.195-210. <2017.12>
2	Dukhinova M., Kopeikina E., Ponomarev E.D. "Usage of Multiparameter Flow Cytometry to Study Microglia and Macrophage Heterogeneity in the Central Nervous System During Neuroinflammation and Neurodegeneration". Edited by Natasha S. Barteneva, Ivan A. Vorobjev; Published by Springer Nature; Vol.1745, p.167-177. <2018.02>

3	Ekaterina Kopeikina, Marina Dukhinova, Eugene D. Ponomarev. "Methods of Study of Neuron Structural Heterogeneity: Flow Cytometry vs. Laser Interferometry". Edited by Natasha S. Barteneva, Ivan A. Vorobjev; Published by Springer Nature; Vol.1745, p.155-166. <2018.02>
4	Alan L.Y. Pang, Wai-Yee Chan. "Molecular Basis of Diseases of the Endocrine System". Edited by William B. Coleman, Gregory J. Tsongalis; Published by Elsevier; p.477-505. <2018>
5	Sin Nga Ann Lau, Wai-Yee Chan. "Human Resources Issues - STEM Education in Hong Kong". Edited by Albert Wai-Kit Chan; Published by United States-China Intellectual Property Institute Inc.; Vol.3, p.197-222. <2018>
6	Tin-Lap Lee. "The International Journal of Biochemistry & Cell Biology - Special issue: Single Cell Genomics". Edited by Tin-Lap Lee; Published by Elsevier. <2018>

Journal publication (2017–18)
論文著作 (2017–18)

1	Jianmin Sun, Tine Thingholm, Tianfeng Li, Julhash U. Kazi, Hui Zhao, Lars Rönnstrand. (2017). Xkr5 negatively regulates KIT/D816V signaling. *Cancer Research, 77(Suppl. 13):2372-2372.*
2	KAZI JU, CHOUGULE RA, LI TF, SU XW, MOHARRAM SA, RUPAR K, MARHALL A, GAZI M, SUN JM, ZHAO H, RONNSTRAND L. (2017). Tyrosine 842 in the activation loop is required for full transformation by the oncogenic mutant FLT3-ITD. *Cellular and Molecular Life Sciences, 74(14):2679-2688.*
3	Yun Liu, Zeyao Zhu, Idy H. T. Ho, Yujian Shi, Yuxin Xie, Jianzhen Li, Yong Zhang, Matthew T. V. Chan, Christopher H. K. Cheng. (2017). Germline-specific dgcr8 knockout in zebrafish using a BACK approach. *Cellular and Molecular Life Sciences, 74(13):2503-2511.*
4	LI Na, ZHANG Fan, LIAN Wei, WANG Huali, ZHENG Jiang, LIN Ge. (2017). Immunoassay approach for diagnosis of exposure to pyrrolizidine alkaloids. *Journal of Environmental Science and Health Part C-Environmental Carcinogenesis & Ecotoxicology Reviews, 35(3):127-139.*
5	Lu L., Rao L., Jia H., Chen J., Lu X., Yang G., Li Q., Lee K.K.H., Yang L. (2017). Baicalin positively regulates osteoclast function by activating MAPK/Mitf signalling. *Journal of Cellular and Molecular Medicine, 21(7):1361-1372.*
6	W.C. LING, Jian LIU, Chi Wai LAU, D.D. MURUGAN, M.R. MUSTAFA, Yu HUANG. (2017). Treatment with salvianolic acid B restores endothelial function in angiotensin II-induced hypertensive mice. *Biochemical Pharmacology, 136:76-85.*
7	Jie Ting ZHANG, Yan WANG, Jun Jiang CHEN, Xiao Hu ZHANG, Jian Da DONG, Lai Ling TSANG, Xiao Ru HUANG, Zhiming CAI, Hui Yao LAN, Xiao Hua JIANG, Hsiao Chang CHAN. (2017). Defective CFTR leads to aberrant beta-catenin activation and kidney fibrosis. *Scientific Reports, 7(1):5233.*
8	Yue Lv, Shi Gang Zhao, Gang Lu, Chi Kwan Leung, Zhi Qiang Xiong, Xian Wei Su, Jin Long Ma, Wai Yee Chan, Hong Bin Liu. (2017). Identification of reference genes for qRT-PCR in granulosa cells of healthy women and polycystic ovarian syndrome patients. *Scientific Reports, 7:6961.*
9	CHEN H.M., LU C.J., LIU H.Z., WANG M.J., ZHAO H., YAN Y.H., HAN L. (2017). Quercetin ameliorates imiquimod-induced psoriasis-like skin inflammation in mice via the NF-kappa B pathway. *International Immunopharmacology, 48:110-117.*
10	Cheng X., Lee K.K.H., Chang E.Y., Yang X. (2017). The "flipped classroom" approach: Stimulating positive learning attitudes and improving mastery of histology among medical students. *Anatomical Sciences Education, 10(4):317-327.*
11	Wong E., Yang B., Du L., Ho W.H., Lau C., Ke Y., Chan Y.S., Yung W.H., Wu E.X. (2017). The multi-level impact of chronic intermittent hypoxia on central auditory processing. *NeuroImage, 156:232-239.*
12	LIU Xiaozhuo, CAMPANAC Emilie, CHEUNG Hoi Hung, ZIATS Mark N., CANTEREL-THOUENNON Lucile, RAYGADA Margarita, BAXENDALE Vanessa, PANG Alan Lap-yin, YANG Lu, SWEDO Susan, THURM Audrey, LEE Tin Lap, FUNG Kwok Pui, CHAN Wai Yee, HOFFMAN Dax A., RENNERT Owen M. (2017). Idiopathic Autism: Cellular and Molecular Phenotypes in Pluripotent Stem Cell-derived Neurons. *Molecular Neurobiology, 54(6):4507-4523.*
13	Ming LIU, Chun-Yeung LO, Guoxin WANG, Hak-Fun CHOW, Jacky Chi-Ki NGO, David Chi-Cheong WAN, Leo Lit-Man POON, Pang-Chui SHAW. (2017). Identification of influenza polymerase inhibitors targeting polymerase PB2 cap-binding domain through virtual screening. *Antiviral Research, 144:186-195.*
14	Chim Stephen S.C., Wong Karen K.W., Chung Claire Y.L., Lam Stephanie K.W., Kwok Jamie S.L., Lai Chit-Ying, Cheng Yvonne K.Y., Hui Annie S.Y., Meng Meng, Chan Oi-Ka, Tsui Stephen K.W., Lee Keun-Young, Chan Ting-Fung, Leung Tak-Yeung. (2017). Systematic Selection of Reference Genes for the Normalization of Circulating RNA Transcripts in Pregnant Women Based on RNA-Seq Data. *International Journal of Molecular Sciences, 18(8):1709.*
15	Li J., Ren J., Yip Y.W.Y., Zhang X., Chu K.O., Ng T.K., Chan S.O., Pang C.P., Chu W.K. (2017). Quantitative Characterization of Autoimmune Uveoretinitis in an Experimental Mouse Model. *Investigative Ophthalmology & Visual Science, 58(10):4193-4200.*
16	Qiang ZENG, Chun-Hay KO, Wing-Sum SIU, Long-Fei LI, Xiao-Qiang HAN, Liu YANG, Clara Bik-San LAU, Jiang-Miao HU, Ping-Chung LEUNG. (2017). Polysaccharides of Dendrobium officinale Kimura & Migo protect gastric mucosal cell against oxidative damage-induced apoptosis in vitro and in vivo. *Journal of Ethnopharmacology, 208:214-224.*
17	Liqing Wang, Chao Yu, Jun Wang, Hui Zhao, Sun-On Chan. (2017). The spatiotemporal relationships between chondroitin sulfate proteoglycans and terminations of calcitonin gene related peptide and parvalbumin immunoreactive afferents in the spinal cord of mouse embryos. *Neuroscience Letters, 655:61-67.*
18	K.P. Fung, Q.B. Han, M. Ip, X.S. Yang, C.B.S. Lau, B.C.L. Chan. (2017). Synergists from Portulaca oleracea with macrolides against methicillin-resistant Staphylococcus aureus and related mechanism. *Hong Kong Medical Journal, 23(Suppl. 5):S38-S42.*
19	Shang LI, Nana AI, Mingyun SHEN, Yuanye DANG, Cheong-Meng CHONG, Peichen PAN, Yiu Wa KWAN, Shun Wan CHAN, George Pak Heng LEUNG, Maggie Pui Man HOI, Tingjun HOU, Simon Ming-Yuen LEE. (2017). Discovery of a ROCK inhibitor, FPND, which prevents cerebral hemorrhage through maintaining vascular integrity by interference with VE-cadherin. *Cell Death Discovery, 3:17051.*
20	LIU Wai Nam, YAN Mingfei, CHAN Man Lok Andrew. (2017). A thirty-year quest for a role of R-Ras in cancer: from an oncogene to a multitasking GTPase. *Cancer Letters, 403:59-65.*
21	Yang Liu, Jia Xu, Liangliang Xu, Tianyi Wu, Yuxin Sun, Yuk Wai Lee, Bin Wang, Hsiao Chang Chan, Xiaohua Jiang, Jinfang Zhang, Gang Li. (2017). Cystic fibrosis transmembrane conductance regulator mediates tenogenic differentiation of tendon-derived stem cells and tendon repair: accelerating tendon injury healing by intervening in its downstream signaling. *FASEB Journal, 31(9):3800-3815.*

22	Hisa Hui Ling TSENG, Chi Teng VONG, Yiu Wa KWAN, Simon Ming-Yuen LEE, Maggie Pui Man HOI. (2017). Lysosomal Ca^{2+} Signaling Regulates High Glucose-Mediated Interleukin-1β Secretion via Transcription Factor EB in Human Monocytic Cells. *Frontiers in Immunology, 8:1161.*
23	Lin S., Lee W.Y.W., Xu L., Wang Y., Chen Y., Ho K.K.W., Qin L., Jiang X., Cui L., Li G. (2017). Stepwise preconditioning enhances mesenchymal stem cell-based cartilage regeneration through epigenetic modification. *Osteoarthritis and Cartilage, 25(9):1541-1550.*
24	Li-Na Lu, Zhong-Ming Qian, Ka-Chun Wu, Wing-Ho Yung, Ya Ke. (2017). Expression of Iron Transporters and Pathological Hallmarks of Parkinson's and Alzheimer's Diseases in the Brain of Young, Adult, and Aged Rats. *Molecular Neurobiology, 54(7):5213-5224.*
25	Yu C.O.L., Leung K.S., Jiang J.L., Wang T.B.Y., Chow S.K.H., Cheung W.H. (2017). Low-Magnitude High-Frequency Vibration Accelerated the Foot Wound Healing of n5-streptozotocin-induced Diabetic Rats by Enhancing Glucose Transporter 4 and Blood Microcirculation. *Scientific Reports, 7:11631.*
26	Yuxin XIE, Lianhe CHU, Yun LIU, Kathy W. Y. SHAM, Jianzhen LI, Christopher H K CHENG. (2017). The highly overlapping actions of Lh signaling and Fsh signaling on zebrafish spermatogenesis. *Journal of Endocrinology, 234(3):233-246.*
27	Yan WANG, Huang-Quan LIN, Ping WANG, Jian-Shu HU, Tsz-Ming IP, Liu-Meng YANG, Yong-Tang ZHENG, David Chi-Cheong WAN. (2017). Discovery of a Novel HIV-1 Integrase/p75 Interacting Inhibitor by Docking Screening, Biochemical Assay, and in Vitro Studies. *Journal of Chemical Information and Modeling, 57(9):2336-2343.*
28	Xinjie Zhu, Qiang Zhang, Eric Dun Ho, Ken Hung-On Yu, Chris Liu, Tim H. Huang, Alfred Sze-Lok Cheng, Ben Kao, Eric Lo, Kevin Y. Yip. (2017). START: A System for Flexible Analysis of Hundreds of Genomic Signal Tracks in Few Lines of SQL-like Queries. *BMC GENOMICS, 18:749.*
29	Liqing Wang, Chao Yu, Jun Wang, Peggy Leung, Ding Ma, Hui Zhao, Jeremy S. H. Taylor, Sun-On Chan. (2017). Nogo-B is the major form of Nogo at the floor plate and likely mediates crossing of commissural axons in the mouse spinal cord. *Journal of Comparative Neurology, 525(13):2915-2928.*
30	Lu QIN, Stephen H.S. WONG, Feng-Hua SUN, Yu HUANG, Sinead SHERIDAN, Cindy H.P. SIT. (2017). Effects of Alpha-Lactalbumin or Whey Protein Isolate on Muscle Damage, Muscle Pain, and Mood States Following Prolonged Strenuous Endurance Exercise. *Frontiers in Physiology, 8:754.*
31	Dmitrii Pavlov, Nataliia Markova, Lucien Bettendorff, Vladimir Chekhonin, Igor Pomytkin, Viktoria Lioudyno, Andrei Svistunov, Eugene Ponomarev, Klaus-Peter Lesch, Tatyana Strekalova. (2017). Elucidating the functions of brain GSK3α: Possible synergy with GSK3β upregulation and reversal by antidepressant treatment in a mouse model of depressive-like behaviour. *Behavioural Brain Research, 335:122-127.*
32	Qin Cao, Christine Anyansi, Xihao Hu, Liangliang Xu, Lei Xiong, Wenshu Tang, Myth T S Mok, Chao Cheng, Xiaodan Fan, Mark Gerstein, Alfred S L Cheng, Kevin Y Yip. (2017). Reconstruction of enhancer–target networks in 935 samples of human primary cells, tissues and cell lines. *Nature Genetics, 49(10):1428-1436.*
33	Hon-Cheong SO, Carlos Kwan-Long CHAU, Wan-To CHIU, Kin-Sang HO, Cho-Pong LO, Stephanie Ho-Yue YIM, Pak-Chung SHAM. (2017). Analysis of genome-wide association data highlights candidates for drug repositioning in psychiatry. *Nature Neuroscience, 20(10):1342-1349.*
34	Li Xiang, Juntong Wei, Xiao Yu Tian, Bei Wang, Wan Chan, Shangfu Li, Zhi Tang, Hongsong Zhang, Wai San Cheang, Qian Zhao, Hongzhi Zhao, Zhiyi Yang, Yanjun Hong, Yu Huang, Zongwei Cai. (2017). Comprehensive Analysis of Acylcarnitine Species in db/db Mouse Using a Novel Method of High-Resolution Parallel Reaction Monitoring Reveals Widespread Metabolic Dysfunction Induced by Diabetes. *Analytical Chemistry, 89(19):10368-10375.*
35	Sien Lin, Wayne Yuk Wai Lee, Qian Feng, Liangliang Xu, Bin Wang, Gene Chi Wai Man, Yuanfeng Chen, Xiaohua Jiang, Liming Bian, Liao Cui, Bo Wei, Gang Li. (2017). Synergistic effects on mesenchymal stem cell-based cartilage regeneration by chondrogenic preconditioning and mechanical stimulation. *Stem Cell Research & Therapy, 8:221.*
36	Rui HAO, Yu QI, Dong-Ni HOU, Yuan-Yuan JI, Chun-Yan ZHENG, Chu-Yu LI, Wing-Ho YUNG, Bai LU, Ying HUANG. (2017). BDNF val66met Polymorphism Impairs Hippocampal Long-Term Depression by Down-Regulation of 5-HT3 Receptors. *Frontiers in Cellular Neuroscience, 11:306.*
37	ZHOU Xunian, YUE Gar-Lee Grace, CHAN Man Lok Andrew, TSUI Kwok Wing, FUNG Kwok Pui, SUN Handong, PU Jianxin, LAU Clara Bik San. (2017). Eriocalyxin B, a novel autophagy inducer, exerts anti-tumor activity through the suppression of Akt/mTOR/p70S6K signaling pathway in breast cancer. *Biochemical Pharmacology, 142:58-70.*
38	Jing-Bo Xia, Hai-Yan Wu, Bing-Lin Lai, Li Zheng, Deng-Cheng Zhou, Zao-Shang Chang, Cheng-Zhou Mao, Guang-Hui Liu, Kyu-Sang Park, Hui Zhao, Soo-Ki Kim, Guo-Hua Song, Dong-Qing Cai, Xu-Feng Qi. (2017). Gene delivery of hypoxia-inducible VEGF targeting collagen effectively improves cardiac function after myocardial infarction. *Scientific Reports, 7:13273.*
39	CHEN Xin, CHENG Hiu Fu, ZHOU Junwei, CHAN Chiu Yeung, LAU Kwok Fai, TSUI Stephen Kwok Wing, AU Shannon Wing Ngor. (2017). Structural basis of the PE-PPE protein interaction in Mycobacterium tuberculosis. *Journal of Biological Chemistry, 292(41):16880-16890.*
40	David Wing-Shing Cheung, Chi-Man Koon, Pui-Han Wong, Ka-Chun Yau, Elaine Wat, Angela Sze-Man Hung, Yan-Ping Wang, Kit-Man Lau, Chun-Hay Ko, Judy Yuet-Wa Chan, Mary Miu-Yee Waye, Kwok-Pui Fung. (2017). Evaluating Efficacy and Safety of Combination Medication of Atorvastatin and a Herbal Formula Containing Salvia miltiorrhiza and Pueraria lobata on Hyperlipidemia. *Phytotherapy Research, 31(10):1579-1589.*
41	Chit TAM, Jack Ho WONG, Randy Chi Fai CHEUNG, Tao ZUO, Tzi Bun NG. (2017). Therapeutic potentials of short interfering RNAs. *Applied Microbiology and Biotechnology, 101(19):7091-7111.*
42	Zengbing LU, Chi Kong YEUNG, Ge LIN, Tai Wai David YEW, P.L.R. ANDREWS, John A. RUDD. (2017). Centrally located GLP-1 receptors modulate gastric slow waves and cardiovascular function in ferrets consistent with the induction of nausea. *Neuropeptides, 65:28-36.*
43	Judy Y.W. Chan, Joseph C.C. Tsui, Patrick T.W. Law, Winnie K.W. So, Doris Y.P. Leung, Michael M.K. Sham, Stephen K.W. Tsui, Carmen W.H. Chan. (2017). Profiling of the silica-induced molecular events in lung epithelial cells using the RNA-Seq approach. *Journal of Applied Toxicology, 37(10):1162-1173.*
44	Xiaobo HE, Qingsu XIA, Kellie WOODLING, Ge LIN, Peter P. FU. (2017). Pyrrolizidine alkaloid-derived DNA adducts are common toxicological biomarkers of pyrrolizidine alkaloid N-oxides. *Journal of Food and Drug Analysis, 25(4):984-991.*
45	Xu Wu, Lin Zhu, Jiang Ma, Yang Ye, Ge Lin. (2017). Adduct ion-targeted qualitative and quantitative analysis of polyoxypregnanes by ultra-high pressure liquid chromatography coupled with triple quadrupole mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis, 145:127-136.*

46	Yan WANG, Wei QI, Li ZHANG, Zhenguang YING, Ou SHA, Chunman LI, Lanhai LU, Xiangyan CHEN, Zhenzhong LI, Feng NIU, Fang XUE, Dong WANG, Tzi-Bun NG, Lihong ZHANG. (2017). The novel targets of DL-3-n-butylphthalide predicted by similarity ensemble approach in combination
47	Fei CHEN, Qiang HU, Huihui HUANG, Binbin CHEN, Yin XIA, Wenjing LIU. (2017). Follistatin-like protein 1 increases transepithelial resistance in kidney epithelial cells through Akt signaling. *Molecular Medicine Reports, 16(4):4341-4347.*
48	Xiaomin Luo, Chunman Li, Ran Tan, Xiaohui Xu, William K.K. Wu, Ayano Satoh, Tuanlao Wang, Sidney Yu. (2017). A RasGAP, DAB2IP, regulates lipid droplet homeostasis by serving as GAP toward RAB40C. *Oncotarget, 8(49):85415-85427.*
49	Huogang WANG, Bo HONG, Xuemin LI, Ke DENG, Hong LI, Vivian Wai Yan LUI, Wenchu LIN. (2017). JQ1 synergizes with the Bcl-2 inhibitor ABT-263 against MYCN-amplified small cell lung cancer. *Oncotarget, 8(49):86312-86324.*
50	Ruiying DIAO, Tao WANG, Kin Lam FOK, Xiaofeng LI, Yechun RUAN, Mei Kuen YU, Yimin CHENG, Ying CHEN, Hao CHEN, Lisha MOU, Xueyong CAI, Yan WANG, Zhiming CAI, Xuhui ZENG, Hsiao Chang CHAN. (2017). CCR6 is required for ligand-induced CatSper activation in human sperm. *Oncotarget, 8(53):91445-91458.*
51	Dongxu HE, Qiongxi PAN, Zhen CHEN, Chunyuan SUN, Peng ZHANG, Aiqin MAO, Yaodan ZHU, Hongjuan LI, Chunxiao LU, Mingxu XIE, Yin ZHOU, Daoming SHEN, Chunlei TANG, Zhenyu YANG, Jian JIN, Xiaoqiang YAO, Bernd NILIUS, Xin MA. (2017). Treatment of hypertension by increasing impaired endothelial TRPV4-KCa2.3 interaction. *EMBO Molecular Medicine, 9(11):1491-1503.*
52	Y. Zhou, T. Huang, J. Zhang, C.C. Wong, B. Zhang, Y. Dong, F. Wu, J.H.M. Tong, W.K.K. Wu, A.S.L. Cheng, J. Yu, W. Kang, K.F. To. (2017). TEAD1/4 exerts oncogenic role and is negatively regulated by miR-4269 in gastric tumorigenesis. *Oncogene, 36(47):6518-6530.*
53	Jun LU, Yee-Ki LEE, Xinru RAN, Wing-Hon LAI, Ronald A. LI, Wendy KEUNG, Kennis TSE, Hung-Fat TSE, Xiaoqiang YAO. (2017). An abnormal TRPV4-related cytosolic Ca(2+) rise in response to uniaxial stretch in induced pluripotent stem cells-derived cardiomyocytes from dilated cardiomyopathy patients. *Bioichimica et Biophysica Acta-Molecular Basis of Diseases, 1863(11):2964-2972.*
54	Binbin ZHENG, Shuisheng LI, Yun LIU, Yu LI, Huapu CHEN, Haipei TANG, Xiaochun LIU, Haoran LIN, Yong ZHANG, Christopher H. K. CHENG. (2017). Spexin Suppress Food Intake in Zebrafish: Evidence from Gene Knockout Study. *Scientific Reports, 7:14643.*
55	Kin Lam FOK, Rohini BOSE, Kai SHENG, Ching-Wen CHANG, Mira KATZ-EGOROV, Martine CULTY, Sicheng SU, Ming YANG, Ye Chun RUAN, Hsiao Chang CHAN, Antonio IAVARONE, Anna LASORELLA, Regina CENCIC, Jerry PELLETIER, Makoto NAGANO, Wenming XU, Simon S WING. (2017). Huwe1 Regulates the Establishment and Maintenance of Spermatogonia by Suppressing DNA Damage Response. *Endocrinology, 158(11):4000-4016.*
56	Yujing HU, Mengjuan ZHU, Guoting TIAN, Liyan ZHAO, Hexiang WANG, Tzi Bun NG. (2017). Isolation of a protease-resistant and pH-stable alpha-galactosidase displaying hydrolytic efficacy toward raffinose family oligosaccharides from the button mushroom Agaricus bisporus. *International Journal of Biological Macromolecules, 104(Part A):576-583.*
57	Fa-Li ZHANG, Hui-Min HOU, Zhi-Nan YIN, Lan CHANG, Fe-Mi LI, Y.-J. CHEN, Ya KE, Zhong-Ming QIAN. (2017). Impairment of Hepcidin Upregulation by Lipopolysaccharide in the Interleukin-6 Knockout Mouse Brain. *Frontiers in Molecular Neuroscience, 10:367.*
58	Changbo ZHENG, Mingkui ZHONG, Zenghua QI, Fan SHEN, Qiannan ZHAO, Lulu WU, Yu HUANG, Suk-Ying TSANG, Xiaoqiang YAO. (2017). Histone Deacetylase Inhibitors Relax Mouse Aorta Partly through Their Inhibitory Action on L-Type Ca^{2+} Channels. *Journal of Pharmacology and Experimental Therapeutics, 363(2):211-220.*
59	ZHANG P., WANG G., LIN Z.L., WU Y.S., ZHANG J., LIU M., LEE K.K.H., CHUAI M.L., YANG X.S. (2017). Alcohol exposure induces chick craniofacial bone defects by negatively affecting cranial neural crest development. *Toxicology Letters, 281:53-64.*
60	Yanfen Niu, Hongjian Li, Lihui Gao, Hua Lin, Hsiangfu Kung, Marie Chia-mi Lin, Kwong-Sak Leung, Man-Hon Wong, Wenyong Xiong, Ling Li. (2017). Old drug, new indication: Olsalazine sodium reduced serum uric acid levels in mice via inhibiting xanthine oxidoreductase activity. *Journal of Pharmacological Sciences, 135(3):114-120.*
61	Judy Yuet-Wa CHAN, Hefeng ZHOU, Yiu Wa KWAN, Shun Wan CHAN, Gandhi RADIS-BAPTISTA, Simon Ming-Yuen LEE. (2017). Evaluation in zebrafish model of the toxicity of rhodamine B-conjugated crotamine, a peptide potentially useful for diagnostics and therapeutics. *Journal of Biochemical and Molecular Toxicology, 31(11):e21964.*
62	Zengbing LU, Man P. NGAN, Ge LIN, David T.W. YEW, Xiaodan FAN, Paul L.R. ANDREWS, John A. RUDD. (2017). Gastric myoelectric activity during cisplatin-induced acute and delayed emesis reveals a temporal impairment of slow waves in ferrets: effects not reversed by the GLP-1 receptor antagonist, exendin (9-39). *Oncotarget, 8(58):98691-98707.*
63	Natasha S. BARTENEVA, Yeldar BAIKEN, Elizaveta FASLER-KAN, Kenneth ALIBEK, Sheng WANG, Natalia MALTSEV, Eugeny D. PONOMAREV, Zarina SAUTBAYEVA, Sholpan KAUANOVA, Anna MOORE, Christoph BEGLINGER, Ivan A. VOROBJEV. (2017). Extracellular vesicles in gastrointestinal cancer in conjunction with microbiota: On the border of Kingdoms. *Biochimica et Biophysica Acta-Reviews on Cancer, 1868(2):372-393.*
64	Yi WANG, Xu ZHANG, Huihui HUANG, Yin XIA, YiFei YAO, Arthur Fuk-Tat MAK, Patrick Shu-Hang YUNG, Kai-Ming CHAN, Li WANG, Chenglin ZHANG, Yu HUANG, Kingston King-Lun MAK. (2017). Osteocalcin expressing cells from tendon sheaths in mice contribute to tendon repair by activating Hedgehog signaling. *eLife, 6 :e30474.*
65	Zhang Bin, Zhang Yajing, Zou Xiaoping, Chan Anthony WH, Zhang Rui, Lee Terence Kin-Wah, Liu Hang, Lau Eunice Yuen-Ting, Ho Nicole Pui-Yu, Lai Paul BS, Cheung Yue-Sun, To Ka-Fai, Wong Hoi Kin, Choy Kwong Wai, Keng Vincent W, Chow Larry MC, Chan Kenrick KY, Cheng Alfred S, Ko Ben CB. (2017). The CCCTC-binding factor (CTCF)–forkhead box protein M1 axis regulates tumour growth and metastasis in hepatocellular carcinoma. *Journal of Pathology, 243(4):418-430.*
66	Mengbi YANG, Jianqing RUAN, Hong GAO, Na LI, Jiang MA, Junyi XUE, Yang YE, Peter Pi Cheng FU, Jiyao WANG, Ge LIN. (2017). First evidence of pyrrolizidine alkaloid N-oxide-induced hepatic sinusoidal obstruction syndrome in humans. *Archives of Toxicology, 91(12):3913-3925.*
67	Rohini BOSE, Kai SHENG, Adel R. MOAWARD, Gurpreet MANKU, Cristian O'FLAHERTY, Teruko TAKETO, Martine CULTY, Kin Lam FOK, Simon S. WING. (2017). Ubiquitin Ligase Huwe1 Modulates Spermatogenesis by Regulating Spermatogonial Differentiation and Entry into Meiosis. *Scientific Reports, 7:17759.*
68	Wukui ZHAO, Yikai HUANG, Jingzi ZHANG, Mengjie LIU, Haijing JI, Congcong WANG, Ning CAO, Chaojun LI, Yin XIA, Qing JIANG, Jinzhong QIN. (2017). Polycomb group RING finger proteins 3/5 activate transcription via an interaction with the pluripotency factor Tex10 in embryonic stem cells. *Journal of Biological Chemistry, 292(52):21527-21537.*
69	Nadezhda Maksimova, Mikhail Krasheninnikov, Yuanyuan Zhang, Eugene Ponomarev, Igor Pomytkin, Galina Melnichenko, Alexey Lyundup. (2017). Early passage autologous mesenchymal stromal cells accelerate diabetic wound re-epithelialization: A clinical case study. *Cytotherapy, 19(12):1548-1550.*

70	Lai Z-Q, Ip S-P, Liao H-J, Lu Z, Xie J-H, Su Z-R, Chen Y-L, Xian Y-F, Leung P-S, Lin Z-X. (2017). Brucein D, a Naturally Occurring Tetracyclic Triterpene Quassinoid, Induces Apoptosis in Pancreatic Cancer through ROS-Associated PI3K/Akt Signaling Pathway. *Frontiers in Pharmacology, 8:936.*
71	LIAO SQ, DONG WY, LV LC, GUO HY, YANG JF, ZHAO H, HUANG RJ, YUAN ZQ, CHEN YL, FENG SS, ZHENG X, HUANG JQ, HUANG WH, QI XF, CAI DQ. (2017). Heart regeneration in adult Xenopus tropicalis after apical resection. *Cell and Bioscience, 7:70.*
72	Roy R. YE, Drew R. PETERSON, Frauke SEEMANN, Shin-Ichi KITAMURA, J.S. LEE, Terrance C.K. LAU, Stephen K.W. TSUI, Doris W.T. AU. (2017). Immune competence assessment in marine medaka (Orzyias melastigma)-a holistic approach for immunotoxicology. *Environmental Science and Pollution Research, 24(36):27687-27701.*
73	Bo Hong, Huogang Wang, Ke Deng, Wei Wang, Haiming Dai, Vivian Wai Yan Lui, Wenchu Lin. (2017). Combination treatment of RAD001 and BEZ235 exhibits synergistic antitumor activity via down-regulation of p-4E-BP1/Mcl-1 in small cell lung cancer. *Oncotarget, 8(63):106486-106498.*
74	ZHANG R.G., YIP C.Y., KO W.H. (2017). Regulation of Intracellular Calcium by Carbon Monoxide in Human Bronchial Epithelial Cells. *Cellular Physiology and Biochemistry, 42(6):2377-2390.*
75	YANG J., ZHAO H., CHAN K.M. (2017). Toxic effects of polybrominated diphenyl ethers (BDE 47 and 99) and localization of BDE-99-induced cyp1a mRNA in zebrafish larvae. *Toxicology Reports, 4:614-624.*
76	Yu-Fu ZHOU, Xiao-Mei WU, Gan ZHOU, Ming-dao MU, Fa-Li ZHANG, Fe-Mi LI, Christopher QIAN, Fang DU, Wing-Ho YUNG, Zhong-Ming QIAN, Ya KE. (2018). Cystathionine beta-synthase is required for body iron homeostasis. *Hepatology, 67(1):21-35.*
77	Cecilia Ka Wing Chan, Lei Zhang, Chak Kwong Cheng, Hongrong Yang, Yu Huang, Xiao Yu Tian, Chung Hang Jonathan Choi. (2018). Recent Advances in Managing Atherosclerosis via Nanomedicine. *Small, 14(4):1702793.*
78	Patrick Ming-Kuen Tang, Shuang Zhou, Chun-Jie Li, Jinyue Liao, Jun Xiao, Qing-Ming Wang, Guang-Yu Lian, Jinhong Li, Xiao-Ru Huang, Ka-Fai To, Chi-Fai NG, Charing Ching-Ning Chong, Ronald Ching-Wa Ma, Tin-Lap Lee, Hui-Yao Lan. (2018). The proto-oncogene tyrosine protein kinase Src is essential for macrophage-myofibroblast transition during renal scarring. *Kidney International, 93(1):173-187.*
79	Zhiming ZHU, Peng GAO, Yu HUANG. (2018). Turning Dilatation to Constriction: Endothelial TRPV4 (Transient Receptor Potential Vanilloid 4) Matters. *Hypertension, 71(1):56-58.*
80	Lui V.W.Y., To K.F., Lo K.W. (2018). Genomic profiles of nasopharyngeal carcinoma: The importance of histological subtyping and Epstein-Barr virus in situ assays. *Cancer, 124(2):434-435.*
81	Kang W., Huang T., Zhou Y., Zhang J., Lung R.W.M., Tong J.H.M., Chan A.W.H., Zhang B., Wong C.C., Wu F., Dong Y., Wang S., Yang W., Pan Y., Chak W.P., Cheung A.H.K., Pang J.C.S., Yu J., Cheng A.S.L., To K.F. (2018). miR-375 is involved in Hippo pathway by targeting YAP1/TEAD4-CTGF axis in gastric carcinogenesis. *Cell Death & Disease, 9(2):92.*
82	Zhu WANG, Dinglan WU, Chi-Fai NG, Jeremy Yuen-Chun TEOH, Shan YU, Yuliang WANG, Franky Leung CHAN. (2018). Nuclear receptor profiling in prostatospheroids and castration-resistant prostate cancer. *Endocrine-Related Cancer, 25(1):35-50.*
83	Haiming Chen, Huazhen Liu, Chuanjian Lu, Maojie Wang, Xiong Li, Hui Zhao, Yuhong Yan, Wanling Yu, Ling Han, Zhenhua Dai (2018). PSORI-CM02 Formula Increases CD4+Foxp3+Regulatory T Cell Frequency and Ameliorates Imiquimod-Induced Psoriasis in Mice. *Frontiers in Immunology, 8:1767.*
84	Tatyana Veremeyko, Amanda W.Y. Yung, Marina Dukhinova, Inna S. Kuznetsova, Igor Pomytkin, Alexey Lyundup, Tatyana Strekalova, Natasha S. Barteneva, Eugene D. Ponomarev. (2018). Cyclic AMP pathway suppress autoimmune neuroinflammation by inhibiting functions of encephalitogenic CD4 T cells and enhancing M2 macrophage polarization at the site of inflammation. *Frontiers in Immunology, 9:50.*
85	Jinglin ZHANG, Tingting HUANG, Yuhang ZHOU, Alfred S. L. CHENG, Jun YU, Ka Fai TO, Wei KANG. (2018). The oncogenic role of Epstein-Barr virus-encoded microRNAs in Epstein-Barr virus-associated gastric carcinoma. *Journal of Cellular and Molecular Medicine, 22(1):38-45.*
86	Qian-Qian LUO, Yu-Fu ZHOU, Mesona Yung-Jin CHEN, Li LIU, Juan MA, Meng-Wan ZHANG, Fa-Li ZHANG, Ya KE, Zhong-Ming QIAN. (2018). Fasting Up-regulates Ferroportin 1 Expression via a Ghrelin/GHSR/MAPK Signaling Pathway. *Journal of Cellular Physiology, 233(1):30-37.*
87	Shihui CHEN, Lizhen ZHENG, Jiayong ZHANG, Heng WU, Nan WANG, Wenxue TONG, Jiankun XU, Le HUANG, Yifeng ZHANG, Zhijun YANG, Ge LIN, Xinluan WANG, Ling QIN. (2018). A novel bone targeting delivery system carrying phytomolecule icaritin for prevention of steroid-associated osteonecrosis in rats. *Bone, 106:52-60.*
88	WANG Lijun, ZHU Hanyue, ZHAO Yimin, JIAO Rui, LEI Lin, CHEN Jingnan, WANG Xiaobo, ZHANG Zhengnan, HUANG Yu, WANG Tiejie, CHEN Zhen-Yu. (2018). Cranberry anthocyanin as an herbal medicine lowers plasma cholesterol by increasing excretion of fecal sterols. *Phytomedicine, 38:98-106.*
89	Jia Lin Ren, Qiu Xiao Yu, Wei Cheng Liang, Pui Ying Leung, Tsz Kin Ng, Wai Kit Chu, Chi Pui Pang, Sun On Chan. (2018). Green tea extract attenuates LPS-induced retinal inflammation in rats. *Scientific Reports, 8:429.*
90	Rui ZHANG, Chungping TANG, Chang-Qiang KE, Sheng YAO, Ge LIN, Yang YE. (2018). Birhodomolleins D and E, two new dimeric grayanane diterpenes with a 3-O-2′ linkage from the fruits of Rhododendron pumilum. *Chinese Chemical Letters, 29(1):123-126.*
91	Judy Y.W. Chan, Joseph C.C. Tsui, Patrick T.W. Law, Winnie K.W. So, Doris Y.P. Leung, Michael M.K. Sham, Stephen K.W. Tsui, Carmen W.H. Chan. (2018). RNA-Seq revealed ATF3-regulated inflammation induced by silica. *Toxicology, 393:34-41.*
92	Xu WU, Shun-wan CHAN, Jiang MA, Ping LI, Pang-chui SHAW, Ge LIN. (2018). Investigation of association of chemical profiles with the tracheobronchial relaxant activity of Chinese medicinal herb Beimu derived from various Fritillaria species. *Journal of Ethnopharmacology, 210:39-46.*
93	Xican Li, Ke Li, Hong Xie, Yulu Xie, Yueying Li, Xiaojun Zhao, Xiaohua Jiang, Dongfeng Chen. (2018). Antioxidant and Cytoprotective Effects of the Di-O-Caffeoylquinic Acid Family: The Mechanism, Structure-Activity Relationship, and Conformational Effect. *Molecules, 23(1):222.*
94	Yun-De DOU, Tao HUANG, Qun WANG, Xin SHU, Shi-Gang ZHAO, Lei LI, Tao LIU, Gang LU, Wai-Yee CHAN, Hong-Bin LIU. (2018). Integrated microRNA and mRNA signatures in peripheral blood lymphocytes of familial epithelial ovarian cancer. *Biochemical and Biophysical Research Communications, 496(1):191-198.*
95	Li Fan, Silu Zhang, Chunyuan Zhang, Chun Yin, Zhiqin Chu, Chaojun Song, Ge Lin, and Quan Li. (2018). Multidrug Resistance in Cancer Circumvented Using a Cytosolic Drug Reservoir. *Advanced Science, 5(2):1700289.*

96	Wenjing LIU, Binbin CHEN, Yang WANG, Chenling MENG, Huihui HIUANG, Xiao-Ru HUANG, Jinzhong QIN, Shrikant R. MULAY, Hans-Joachim ANDERS, Andong QIU, Baoxue YANG, Gordon J. FREEMAN, Hua Jenny LU, Herbert Y. LIN, Zhi-Hua ZHENG, Hui-Yao LAN, Yu HUANG, Yin XIA. (2018). RGMb protects against acute kidney injury by inhibiting tubular cell necroptosis via an MLKL-dependent mechanism. *Proceedings of the National Academy of Sciences of the United States of America, 115(7):E1475-E1484.*
97	Qian ZHONG, Zhi-Hua LIU, Zhi-Rui LIN, Ze-Dong HU, Li YUAN, Yan-min LIU, Ai-Jun ZHOU, Li-Hua XU, Li-Juan HU, Zi-Feng WANG, Xin-Yuan GUAN, Jia-Jie HAO, Vivian W.Y. LUI, Ling GUO, Hai-Qiang MAI, Ming-Yuan CHEN, Fei HAN, Yun-Fei XIA, Jennifer R. GRANDIS, Xing ZHANG, Mu-Sheng ZENG. (2018). The RARS–MAD1L1 Fusion Gene Induces Cancer Stem Cell-like Properties and Therapeutic Resistance in Nasopharyngeal Carcinoma. *Clinical Cancer Research, 24(3):659-673.*
98	Lei SUN, Zhaoyue MENG, Yifei ZHU, Jun LU, Zhichao LI, Qiannan ZHAO, Yu HUANG, Liwen JIANG, Xiaoqiang YAO. (2018). TM9SF4 is a novel factor promoting autophagic flux under amino acid starvation. *Cell Death and Differentiation, 25(2):368-379.*
99	Huaqin Sun, Yan Wang, Jieting Zhang, Yan Chen, Yanyan Liu, Ziyuan Lin, Mingfeng Liu, Kai Sheng, Huijuan Liao, Kam Sze Tsang, Xiaohu Zhang, Xiaohua Jiang, Wenming Xu, Meng Mao, Hsiao Chang Chan. (2018). CFTR mutation enhances Dishevelled degradation and results in impairment of Wnt-dependent hematopoiesis. *Cell Death & Disease, 9(3):275.*
100	Lingshan GOU, Lei ZHAO, Wencong SONG, Li WANG, Jian LIU, Hongsong ZHANG, Yuhong HUANG, Chi Wai LAU, Xiaoqiang YAO, Xiao Yu TIAN, Wing Tak WONG, Jiang-Yun LUO, Yu HUANG. (2018). Inhibition of miR-92a Suppresses Oxidative Stress and Improves Endothelial Function by Upregulating Heme Oxygenase-1 in db/db Mice. *Antioxidants & Redox Signaling, 28(5):358-370.*
101	Lei GAO, Yiu-Wa KWAN, Andrew C. BULMER, Christopher W. K. LAI. (2018). Noninvasive Real-Time Characterization of Renal Clearance Kinetics in Diabetic Mice after Receiving Danshensu Treatment. *Oxidative Medicine and Cellular Longevity, 2018:8267560.*
102	Chun-Yeung LO, Olive Tin-Wai LI, Wen-Ping TANG, Chun HU, Guo Xin WANG, Jacky Chi-Ki NGO, David Chi-Cheong WAN, Leo Lit-Man POON, Pang-Chui SHAW. (2018). Identification of influenza polymerase inhibitors targeting C-terminal domain of PA through surface plasmon resonance screening. *Scientific Reports, 8:2280.*
103	Hao QIN, Norman Wai-Sing LO, Jacky Fong-Chuen LOO, Xiao LIN, Aldrin Kay-Yuen YIM, Stephen Kwok-Wing TSUI, Terrence Chi-Kong LAU, Margaret IP, Ting-Fung CHAN. (2018). Comparative transcriptomics of multidrug-resistant Acinetobacter baumannii in response to antibiotic treatments. *Scientific Reports, 8:3515.*
104	Lili JIN, Zhou-Fang LI, Da-Kui WANG, Meina SUN, Wei QI, Qiang MA, Li ZHANG, Chun CHU, Elaine Y.M. CHAN, Susanna S.T. LEE, Helen WISE, Ka-Fai TO, Ying SHI, Naiming ZHOU, Wing-Tai CHEUNG. (2018). Molecular and functional characterization of tumor-induced factor (TIF): Hamster homolog of CXCL3 (GROγ) displays tumor suppressive activity. *Cytokine, 102:62-75.*
105	TANG Haipei, CHEN Yu, WANG Le, YIN Yike, LI Gaofei, GUO Yin, LIU Yun, LIN Haoran, CHENG Christopher H.K., LIU Xiaochun. (2018). Fertility impairment with defective spermatogenesis and steroidogenesis in male zebrafish lacking androgen receptor. *Biology of Reproduction, 98(2):227-238.*
106	Song LIU, Weibing PAN, Zhiqiang CHENG, Guoping Sun, Peng ZHU, Franky Leung CHAN, Yunlong HU, Xinzhou ZHANG, Yong DAI. (2018). Characterization of the T-cell receptor repertoire by deep T cell receptor sequencing in tissues from patients with prostate cancer. *Oncology Letters, 15(2):1744-1752.*
107	Chuan-Ming XIE, Xiao-Tong LIN, Di WI, Ye TAN, Christopher H.K. CHENG, Jun ZHANG. (2018). Cardiac glycoside bufalin blocks cancer cell growth by inhibition of Aurora A and Aurora B activation via PI3K-Akt pathway. *Oncotarget, 9(17):13783-13795.*
108	Yikai HUANG, Wukui ZHAO, Congcong WANG, Yaru ZHU, Mengjie LIU, Huan TONG, Yin XIA, Qing JIANG, Jinzhong Qin. (2018). Combinatorial Control of Recruitment of a Variant PRC1.6 Complex in Embryonic Stem Cells. *Cell Reports, 22(11):3032-3043.*
109	Huang T.T., Zhou Y.H., Zhang J.L., Wong C.C., Li W.L., Kwan J.S.H., Yang R., Chan A.K.Y., Dong Y.J., Wu F., Zhang B., Cheung A.H.K., Wu W.K.K., Cheng A.S.L., Yu J., Wong N., Kang W., To K.F. (2018). SRGAP1, a crucial target of miR-340 and miR-124, functions as a potential oncogene in gastric tumorigenesis. *Oncogene, 37(9):1159-1174.*
110	Wei-Cheng LIANG, Jia-Lin REN, Cheuk-Wa WONG, Sun-On CHAN, Mary Miu-Yee WAYE, Wei-Ming FU, Jin-Fang ZHANG. (2018). LncRNA-NEF antagonized epithelial to mesenchymal transition and cancer metastasis via cis-regulating FOXA2 and inactivating Wnt/β-catenin signaling. *Oncogene, 37(11):1445-1456.*
111	Yuanyuan Tian, Xiaodong Liu, Mingzhong Jia, Hui Yu, Peter Lichtner, Yujian Shi, Zhaoyu Meng, Shanglong Kou, Idy H. T. Ho, Bo Jia, Benny C. P. Cheng, Carmen K. M. Lam, Sharon Tsang, Sunny H. Wong, Jun Yu, Christopher H. K. Cheng, Tony Gin, William K. K. Wu, Zheyu Chen, Matthew T. V. Chan, Persistent Pain after Surgery Study Investigators. (2018). Targeted Genotyping Identifies Susceptibility Locus in Brain-derived Neurotrophic Factor Gene for Chronic Postsurgical Pain. *Anesthesiology, 128(3):587-597.*
112	Leo Ka Yu CHAN, Yi WANG, Enders Kwok Wai NG, Po Sing LEUNG. (2018). Na^+/H^+ exchanger 3 blockade ameliorates type 2 diabetes mellitus via inhibition of sodium-glucose co-transporter 1-mediated glucose absorption in the small intestine. *Diabetes Obesity & Metabolism, 20(3):709-717.*
113	Eugene D. Ponomarev. (2018). Fresh Evidence for Platelets as Neuronal and Innate Immune Cells: Their Role in the Activation, Differentiation, and Deactivation of Th1, Th17, and Tregs during Tissue Inflammation. *Frontiers in Immunology, 9:406.*
114	Hongjian Li, Jiangjun Peng, Yee Leung, Kwong-Sak Leung, Man-Hon Wong, Gang Lu, Pedro J Ballester. (2018). The Impact of Protein Structure and Sequence Similarity on the Accuracy of Machine-Learning Scoring Functions for Binding Affinity Prediction. *BioMolecules, 8(1):12.*
115	Jiajie Tu, Geng Tian, Hoi-Hung Cheung, Wei Wei, Tin-lap Lee. (2018). Gas5 is an essential lncRNA regulator for self-renewal and pluripotency of mouse embryonic stem cells and induced pluripotent stem cells. *Stem Cell Research & Therapy, 9:71.*
116	Lin ZHU, Zhangting WANG, Lailai WONG, Yisheng HE, Zhongzhen ZHAO, Yang YE, Peter P. FU, Ge LIN. (2018). Contamination of hepatotoxic pyrrolizidine alkaloids in retail honey in China. *Food Control, 85:484-494.*
117	Marwan MANNAA, Lajos MARKó, András BALOGH, Emilia VIGOLO, Gabriele N'DIAYE, Mario KAßMANN, Laura MICHALICK, Ulrike WEICHELT, Kai M. SCHMIDT-OTT, Wolfgang B. LIEDTKE, Yu HUANG, Dominik N. MüLLER, Wolfgang M. KUEBLER, Maik GOLLASCH. (2018). Transient Receptor Potential Vanilloid 4 Channel Deficiency Aggravates Tubular Damage after Acute Renal Ischaemia Reperfusion. *Scientific Reports, 8:4878.*
118	Zhuo YU, Hai FENG, Xuehua SUN, Yunhui ZHUO, Man LI, Zhenhua ZHOU, Lingying HUANG, Yun JIANG, Xiaojun ZHU, Xin ZHANG, Fan LE, Chao ZHENG, Alfred Sze Lok CHENG, Yueqiu GAO. (2018). Bufalin suppresses hepatocarcinogenesis by targeting β-catenin/TCF signaling via cell cycle-related kinase. *Scientific Reports, 8:3891.*

119	Lin CHEN, Yihui WEN, Jingwei ZHANG, Wei SUN, Vivian W. Y. LUI, Yi WEI, Fenghong CHEN, Weiping WEN. (2018). Prediction of radiotherapy response with a 5-microRNA signature-based nomogram in head and neck squamous cell carcinoma. *Cancer Medicine, 7(3):726-735.*
120	Patrick Kwok Shing NG, Carol Po Ying LAU, Emily Kai Yee LAM, Sheila Sai Kam LI, Vivian Wai Yan LUI, Winnie YEO, Yuen Keng NG, Paul Bo San LAI, Stephen Kwok Wing TSUI. (2018). Hypermethylation of NF-κB-Activating Protein-Like (NKAPL) Promoter in Hepatocellular Carcinoma Suppresses Its Expression and Predicts a Poor Prognosis. *Digestive Diseases and Sciences, 63(3):676-686.*
121	Chu Ching Yan, Fung Kwok Pui, Wang Chi Chiu. (2018). Effects of low-dose melamine exposure during pregnancy on maternal and fetal kidneys in rats. *Environmental Toxicology, 33(3):370-380.*
122	I.L.G. LAW, J.F.C. LOO, H.C. KWOK, H.Y. YEUNG, C.C.H. LEUNG, M. HUI, S.Y. WU, H.S. CHAN, Y.W. KWAN, H.P. HO, S.K. KONG. (2018). Automated real-time detection of drug-resistant Mycobacterium tuberculosis on a lab-on-a-disc by Recombinase Polymerase Amplification. *Analytical Biochemistry, 544:98-107.*
123	Zhangang Xiao, Jing Shen, Lin Zhang, Mingxing Li, Wei Hu, Chihin Cho. (2018). Therapeutic targeting of noncoding RNAs in hepatocellular carcinoma: Recent progress and future prospects. *Oncology Letters, 15(3):3395-3402.*
124	Xun MA, Avery Sum-Yu WONG, Hei-Yin TAM, Samuel Yung-Kin TSUI, Dittman Lai-Shun CHUNG, Bo FENG. (2018). In vivo genome editing thrives with diversified CRISPR technologies. *Zoological Research, 39(2):58-71.*
125	Shangtao CAO, Shengyong YU, Dongwei LI, Jing YE, Xuejie YANG, Chen LI, Xiaoshan WANG, Yuanbang MAI, Yue QIN, Jian WU, Jiangping HE, Chunhua ZHOU, He LIU, Bentian ZHAO, Xiaodong SHU, Chuman WU, Ruiping CHEN, Waiyee CHAN, Guangjin PAN, Jiekai CHEN, Jing LIU, Duanqing PEI. (2018). Chromatin Accessibility Dynamics during Chemical Induction of Pluripotency. *Cell Stem Cell, 22(4):529-542.e5.*
126	Huihui HUANG, Chunhua XU, Yang WANG, Chenling MENG, Wenjing LIU, Yueshui ZHAO, Xiao-Ru HUANG, Wenxing YOU, Bo FENG, Zhi-Hua ZHENG, Yu HUANG, Hui-Yao LAN, Jinzhong QIN, Yin XIA. (2018). Lethal (3) malignant brain tumor-like 2 (L3MBTL2) protein protects against kidney injury by inhibiting the DNA damage-p53-apoptosis pathway in renal tubular cells. *Kidney International, 93(4):855-870.*
127	Xin WANG, Yu HUANG, Yong JI. (2018). Spotlight on small Molecules in cardiovascular diseases. *British Journal of Pharmacology, 175(8):1111-1113.*
128	Lin Zhang, Wei Hu, Chi H Cho, Francis KL Chan, Jun Yu, J Ross Fitzgerald, Cynthia KY Cheung, Zhan G Xiao, Jing Shen, Long F Li, Ming X Li, Justin CY Wu, Thomas KW Ling, Jason YK Chan, Ho Ko, Gary Tse, Siew C Ng, Sidney Yu, Maggie HT Wang, Tony Gin, Hassan Ashktorab, Duane T Smoot, Sunny H Wong, Matthew TV Chan, William KK Wu. (2018). Reduced lysosomal clearance of autophagosomes promotes survival and colonization of Helicobacter pylori. *Journal of Pathology, 244(4):432-444.*
129	Jun Lu, Kenneth R. Boheler, Liwen Jiang, Camie W. Chan, Wan Wai Tse, Wendy Keung, Ellen Ny Poon, Ronald A. Li, Xiaoqiang Yao. (2018). Polycystin-2 Plays an Essential Role in Glucose Starvation-Induced Autophagy in Human Embryonic Stem Cell-Derived Cardiomyocytes. *Stem Cells, 36(4):501-513.*
130	Mingyue LI, Grace Gar-Lee YUE, Li-Hua SONG, Mao-Bo HUANG, Julia Kin-Ming LEE, Stephen Kwok-Wing TSUI, Kwok-Pui FUNG, Ning-Hua TAN, Clara Bik-San LAU. (2018). Natural small molecule bigelovin suppresses orthotopic colorectal tumor growth and inhibits colorectal cancer metastasis via IL6/STAT3 pathway. *Biochemical Pharmacology, 150:191-201.*
131	LI X.F., FOK K.L., GUO J.H., WANG Y., LIU Z.Q., CHEN Z.Y., WANG C.D., RUAN Y.C., YU S.S., ZHAO H., WU J., JIANG X.H., CHAN H.C. (2018). Retinoic acid promotes stem cell differentiation and embryonic development by transcriptionally activating CFTR. *Bioichimica et Biophysica Acta-Molecular Cell Research, 1865(4):605-615.*
132	Hung Chan, Shan Zhao, Lin Zhang, Jeffery Ho, Czarina C.H. Leung, Wai T. Wong, Yuanyuan Tian, Xiaodong Liu, Thomas N.Y. Kwong, Raphael C.Y. Chan, Sidney S.B. Yu, Maggie H.T. Wang, Gary Tse, Sunny H. Wong, Matthew T.V. Chan, William K.K. Wu. (2018). Clostridium difficile toxin B induces autophagic cell death in colonocytes. *Journal of Cellular and Molecular Medicine, 22(4):2469-2477.*
133	Xiaoyu LIU, Teng WANG, Yan WANG, Zhen CHEN, Dong HUA, Xiaoqiang YAO, Xin MA, Peng ZHANG. (2018). Orail is critical for Notch-driven aggressiveness under hypoxic conditions in triple-negative breast cancers. Bioichimica et Biophysica Acta-Molecular Basis of Diseases, *1864 (4 (Part A)):975-986.*
134	Tingting HUANG, Yuhang ZHOU, Jinglin ZHANG, Alfred S. L. CHENG, Jun YU, Ka Fai TO, Wei KANG. (2018). The physiological role of Motin family and its dysregulation in tumorigenesis. *Journal of Translational Medicine, 16:98.*
135	Chi Han LI, Shing Chun TANG, Chi Hin WONG, Yan WANG, Jian-dong JIANG, Yangchao CHEN. (2018). Berberine induces miR-373 expression in hepatocytes to inactivate hepatic steatosis associated AKT-S6 kinase pathway. *European Journal of Pharmacology, 825:107-118.*
136	Jiajie TU, Dandan CAO, Lu LI, Hoi-Hung CHEUNG, Wai-Yee CHAN. (2018). MicroRNA profiling during directed differentiation of cortical interneurons from human-induced pluripotent stem cells. *FEBS OPEN BIO, 8(4):502-512.*
137	Jason Y.K. Chan, Peony H.Y. Poon, Y. Zhang, Cherrie W.K. Ng, W.Y. Piao, M. Ma, Kevin Y. Yip, Amy B.W. Chan, Vivian W.Y. Lui. (2018). Case Report: Exome sequencing reveals recurrent RETSAT mutations and a loss-of-function POLDIP2 mutation in a rare undifferentiated tongue sarcoma. *F1000Research, 7:499.*
138	Jingying ZHOU, Man LIU, Hanyong SUN, Yu FENG, Liangliang XU, Anthony W H CHAN, Joanna H TONG, John WONG, Charing Ching Ning CHONG, Paul B S LAI, Hector Kwong-Sang WANG, Shun-Wa TSANG, Tyler GOODWIN, Rihe LIU, Leaf HUANG, Zhiwei CHEN, Joseph JY SUNG, King Lau CHOW, Ka Fai TO, Alfred Sze-Lok CHENG. (2018). Hepatoma-intrinsic CCRK inhibition diminishes myeloid-derived suppressor cell immunosuppression and enhances immune-checkpoint blockade efficacy. *Gut, 67(5):931-944.*
139	Qiaoling CUI, Qian Li, Hongyan GENG, Lei CHEN, Nancy Y. IP, Ya KE, Wing-Ho YUNG. (2018). Dopamine receptors mediate strategy abandoning via modulation of a specific prelimbic cortex-nucleus accumbens pathway in mice. *Proceedings of the National Academy of Sciences of the United States of America, 115(21):E4890-E4899.*
140	Hellweger F.L., Huang Y., Luo H. (2018). Carbon limitation drives GC content evolution of a marine bacterium in an individual-based genome-scale model. *ISME Journal, 12(5):1180-1187.*
141	Lijia XIAO, Yuliang WANG, Kexin XU, Hao HU, Zhenyu XU, Dinglan WU, Zhu WANG, Wenxing YOU, Chi-Fai NG, Shan YU, Franky Leung CHAN. (2018). Nuclear Receptor LRH-1 Functions to Promote Castration-Resistant Growth of Prostate Cancer via Its Promotion of Intratumoral Androgen Biosynthesis. *Cancer Research, 78(9):2205-2218.*
142	ZHANG J.T., WANG Y., JIANG X.H., CHAN H.C. (2018). Cystic fibrosis transmembrane conductance regulator-emerging regulator of cancer. *Cellular and Molecular Life Sciences, 75(10):1737-1756.*

143	Ellen Ngar-yun POON, Baixia HAO, Daogang GUAN, Mulin Jun LI, Jun LU, Yong YANG, Binbin WU, Stanley Chun-ming WU, Sarah E. WEBB, Yan LIANG, Andrew L. MILLER, Xiaoqiang YAO, Junwen WANG, Bin YAN, Kenneth R. BOHELER. (2018). Integrated transcriptomic and regulatory network analyses identify microRNA-200c as a novel repressor of human pluripotent stem cell-derived cardiomyocyte differentiation and maturation. *Cardiovascular Research, 114(6):894-906.*
144	Chun Wai NG, Issan Yee San TAM, Sze Wing SAM, Yangyang YU, Hang Yung Alaster LAU. (2018). Immobilized Osteopontin Enhances Adhesion but Suppresses Cytokine Release of Anti-IgE Activated Human Mast Cells. *Frontiers in Immunology, 9:1109.*
145	LI L., ZHAO S.L., YUE G.G.L., WONG T.P., PU J.X., SUN H.D., FUNG K.P., LEUNG P.C., HAN Q.B., LAU C.B.S., LEUNG P.S. (2018). Isodon eriocalyx and its bioactive component Eriocalyxin B enhance cytotoxic and apoptotic effects of gemcitabine in pancreatic cancer. *Phytomedicine, 44:56-64.*
146	Xi ZENG, Jamie Sui-Lam KWOK, Kevin Yi YANG, Kenneth Siu-Sing LEUNG, Mai SHI, Zhiyuan YANG, Wing-Cheong YAM, Stephen Kwok-Wing TSUI. (2018). Whole genome sequencing data of 1110 Mycobacterium tuberculosis isolates identifies insertions and deletions associated with drug resistance. *BMC Genomics, 19:365.*
147	Mau Fung Ray LEE, Kristy Pui Ting FUNG, Olivia Miu Yung NGAN, Mei Kuen Florence TANG. (2018). Using Leap Motion Technology in the Development of a Touchless Screen Electronic Dissector Guide in the Anatomy Dissection Laboratory. *Open Access Research in Anatomy, 2(1).*
148	Xiao-Yu Liu, Kevin Yi Yang, Ming-Qiang Wang, Jamie Sui-Lam Kwok, Xi Zeng, Zhiyuan Yang, Xiao-Jun Xiao, Carol Po-Ying Lau, Ying Li, Zhi-ming Huang, Jin-ge Ba, Aldrin Kay-Yuen Yim, Chun-Yan Ouyang, Sai-Ming Ngai, Ting-Fung Chan, Elaine Lai-Han Leung, Liang Liu, Zhi-Gang Liu, Stephen Kwok-Wing Tsui. (2018). High-quality assembly of Dermatophagoides pteronyssinus genome and transcriptome reveals a wide range of novel allergens. *Journal of Allergy and Clinical Immunology, 141(6):2268-2271.e8.*
149	Myth T. MOK, Jingying ZHOU, Wenshu TANG, Xuezhen ZENG, Antony W. OLIVER, Simon E. WARD, Alfred S. CHENG. (2018). CCRK is a novel signalling hub exploitable in cancer immunotherapy. *Pharmacology & Therapeutics, 186:138-151.*
150	Lin JIA, Dinglan WU, Yuliang WANG, Wenxing YOU, Zhu WANG, Lijia XIAO, Ganhui CAI, Zhenyu XU, Chang ZOU, Fei WANG, Jeremy Yuen-Chun TEOH, Chi-Fai NG, Shan YU, Franky L. CHAN. (2018). Orphan nuclear receptor TLX contributes to androgen insensitivity in castration-resistant prostate cancer via its repression of androgen receptor transcription. *Oncogene, 37(25):3340-3355.*
151	Wenling LI, Yujie DENG, Bo FENG, Kingston King-Lun MAK. (2018). Mst1/2 Kinases Modulate Glucose Uptake for Osteoblast Differentiation and Bone Formation. *Journal of Bone and Mineral Research, 33(6):1183-1195.*
152	Leung Ting Fan, Kwok Jaime, Song Yuping, Tang Man Fung, Tung Christine, Chan Renee Wan-Yi, Leung Agnes Sze-Yin, Tao Kin Pong, Wong Gary Wing-Kin, Tsui Stephen Kwok-Wing. (2018). Whole-genome Shotgun Sequencing for Nasopharyngeal Microbiome in Preschool Children with asthma exacerbation. *Clinical and Translational Allergy, 8(Supplement 2):5.*
153	Lu LI, Kai-Kei MIU, Shen GU, Hoi-Hung CHEUNG, Wai-Yee CHAN. (2018). Comparison of multi-lineage differentiation of hiPSCs reveals novel miRNAs that regulate lineage specification. *Scientific Reports, 8:9630.*
154	Jingjing SONG, Da MA, Xiangqi LIU, Yichen CHEN, Juan FANG, Vivian Wai Yan LUI, Sijia ZHAO, Juan XIA, Bin CHENG, Zhi WANG. (2018). Thrombomodulin (TM) in tumor cell differentiation and periphery blood immune microenvironment in oral squamous cell carcinoma. *Clinical immunology, 191:27-33.*
155	Huichuan WANG, Zengbing LU, Yuen Hang LIU, Yayi SUN, Longlong TU, Man P. NGAN, Chi-Kong YEUNG, John A. RUDD. (2018). Establishment of a radiotelemetric recording technique in mice to investigate gastric slow waves: Modulatory role of putative neurotransmitter systems. *Experimental Physiology, 103(6):827-837.*
156	Chan J.Y.W., Tsui J.C.C., Law P.T.W., So W.K.W., Leung D.Y.P., Sham M.M.K., Tsui S.K.W., Chan C.W.H. (2018). Regulation of TLR4 in silica-induced inflammation: An underlying mechanism of silicosis. *International Journal of Medical Sciences, 15(10):986-991.*
157	Rui ZHANG, Chunping TANG, Yan LI, Chang-Qiang KE, Ge LIN, Hua XIE, Sheng YAO, Yang YE. (2018). The first phytochemical investigation of Rhododendron websterianum: triterpenoids and their cytotoxic activity. *Phytochemistry Letters, 25:43-46.*
158	Ngan O.M.Y., Tang T.L.H., Chan A.K.Y., Chen D.M.H., Tang M.K. (2018). Blended Learning in Anatomy Teaching for Non-Medical Students: An Innovative Approach to the Health Professions Education. *Health Professions Education, 4(2):149-158.*
159	Xunian ZHOU, Cyanne Ye CAO, Angel Tsz- Yau WAN, Grace Gar-Lee YUE, Frankie Hin-Fai KWOK, Kwok-Pui FUNG, Handong SUN, Clara Bik-San LAU, Pema-Tenzin PUNO, Stephen Kwok-Wing TSUI. (2018). Functional roles of eriocalyxin B in zebrafish revealed by transcriptome analysis. *Molecular Omics, 14(3):156-169.*
160	FENG Lu, MANDI Attila, TANG Chunping, KURTAN Tibor, TANG Shuai, KE Chang-Qiang, SHEN Ning, LIN Ge, YAO Sheng, YE Yang. (2018). A Pair of Enantiomeric Bis-seco-abietane Diterpenoids from Cryptomeria fortunei. *Journal of Natural Products, 81(12):2667-2672.*
161	Hoi-Lam NGAN, Lan WANG, Kwok-Wai LO, Vivian Wai Yan LUI. (2018). Genomic Landscapes of EBV-Associated Nasopharyngeal Carcinoma vs. HPV-Associated Head and Neck Cancer. *Cancers, 10(7):pii: E210.*
162	Lam P.L., Lee K.K.H., Wong R.S.M., Cheng G.Y.M., Bian Z.X., Chui C.H., Gambari R. (2018). Recent advances on topical antimicrobials for skin and soft tissue infections and their safety concerns. *Critical Reviews in Microbiology, 44(1):40-78.*
163	Yichen CHEN, Qiusheng LI, Xinye LI, Da MA, Juan FANG, Liqun LUO, Xiangqi LIU, Xi WANG, Vivian Wai Yan LUI, Juan XIA, Bin CHENG, Zhi WANG. (2018). Blockade of PD-1 effectively inhibits in vivo malignant transformation of oral mucosa. *OncoImmunology, 7(2):e1388484.*
164	Turolla A., Venneri A., Farina D., Cagnin A., Cheung V.C.K. (2018). Rehabilitation induced neural plasticity after acquired brain injury. *Neural Plasticity, 2018:6565418.*
165	LI Yan-Hong, TAI William Chi-Shing, KHAN Imran, LU Cheng, LU Yao, WONG Wing-Yan, CHAN Wood-Yee, HSIAO Wen-Luan Wendy, LIN Ge. (2018). Toxicoproteomic assessment of liver responses to acute pyrrolizidine alkaloid intoxication in rats. *Journal of Environmental Science and Health Part C-Environmental Carcinogenesis & Ecotoxicology Reviews, 36(2):65-83.*
166	Zhou X., Yue G.G.L., Tsui S.K.W., Pu J., Fung K.P., Lau C.B.S. (2018). Elaborating the role of natural products on the regulation of autophagy and their potentials in breast cancer therapy. *Current Cancer Drug Targets, 18(3):239-255.*
167	Shicheng HOU, Henan XU, Jianshu HU, Jian HOU, Yan WANG, Zhe JIN, David C.C. WAN, Chun HU. (2018). Synthesis, β -catenin Translocation Capability and ALP Activation Activity of 7H-thiazolo[3,2-b]-1,2,4-triazin-7-one Derivatives. *Medicinal Chemistry, 14(1):67-73.*

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