

SBS Research Day 2019
16 May 2019 (Thursday)

Room G02, Lo Kwee-Seong Integrated Biomedical Sciences Building

09:00 – 09:20	Opening Ceremony: Prof. Francis Ka Leung CHAN (Dean of Faculty of Medicine) & Prof. Wai Yee CHAN (Director of School of Biomedical Sciences)
09:20 – 09:30	Presentation of the prize for SBS Research Day 2019 Programme Book Cover / Banner Design Competition Photo Taking

<i>Time</i>	<i>Title of Presentation</i>	<i>Speaker</i>	<i>Abstract No.</i>
Keynote Lecture			
<i>Chairperson: Prof. CHAN Andrew M. (CUHK SBS)</i>			
09:30-10:10	Gut microbiota: What impact on gastrointestinal cancer	Prof. YU Jun (MEDT)	Keynote
Session I (NVMB)			
<i>Chairpersons: Prof. TANG Leung Sang Nelson (CUHK CPY) & Prof. SHUM Sau Wun Alisa (CUHK SBS)</i>			
10:10-10:40	CRISPR-Cas9 genetically modified <i>Lactobacillus casei</i> for probiotic treatment of Inflammatory Bowel Disease	Prof. KWAN Yiu Wa (NVMB)	O1
10:40-11:10	Growth hormone-releasing hormone signaling in acute ocular inflammation	Prof. CHAN Sun On (NVMB)	O2

11:10-11:30

TEA BREAK

Session II (NVMB)			
<i>Chairpersons: Prof. YU Siu Bun Sidney (CUHK SBS) & Prof. PONOMAREV Eugene (CUHK SBS)</i>			
11:30-12:05	Protein arginine methylation as a regulator of hepatic cancer stemness and glucose metabolism	Dr. MA Kwai Yee Stephanie (HKU)	O3
12:05-12:35	Studies of traditional Chinese medicines in animal models of diseases	Prof. LAM Fu Yuen (NVMB)	O4
12:35-13:05	TRPP proteins act through autophagy to exert cytoprotective role in human embryonic stem cell-derived cardiomyocytes	Prof. YAO Xiaoqiang (NVMB)	O5

13:05-14:30

LUNCH

Session III (CBET)			
<i>Chairpersons: Prof. WU Ka Kei William (CUHK AIC) & Prof. CHAN M. Andrew (CUHK SBS)</i>			
14:30-15:05	Computational study of clonal evolution guides targeted therapy in brain cancer	Dr. WANG Jiguang (HKUST)	O6
15:05-15:35	The energetic orphan estrogen-related receptor alpha in prostate cancer: new insights	Prof. CHAN Leung Franky (CBET)	O7
15:35-16:05	Translational genomic landscape of head and neck cancers	Prof. LUI Wai Yan Vivian (CBET)	O8

16:05-16:30

TEA BREAK

Session IV (CBET)			
<i>Chairpersons: Prof. KWONG Joseph (CUHK OBG) & Prof. SO Hon Cheong (CUHK SBS)</i>			
16:30-17:00	Ghrelin mimetics in cancer supportive care	Prof. RUDD A. John (CBET)	O9
17:00-17:30	The Genomes and microbiomes of <i>Dermatophagoides farinae</i> and <i>Dermatophagoides pteronyssinus</i> reveal a broad spectrum of dust mite allergens	Prof. TSUI Kwok Wing Stephen (CBET)	O10
17:30-18:00	Novel strategies of liver cancer immunotherapy by co-targeting myeloid-derived suppressor cells	Prof. ZHOU Jingying (CBET)	O11

18:30-20:00

CONFERENCE BANQUET (By Invitation)

SBS Research Day 2019
17 May 2019 (Friday)

Room G02, Lo Kwee-Seong Integrated Biomedical Sciences Building

<i>Time</i>	<i>Title of Presentation</i>	<i>Speaker</i>	<i>Abstract No.</i>
Session V (DRB)			
<i>Chairpersons: Prof. WANG Huating (CUHK ORT) & Prof. KO Wing Hung (CUHK SBS)</i>			
09:00-09:35	Efficient RNA drug delivery using red blood cell extracellular vesicles	Dr. LE Thi Nguyet Minh (CityU)	O12
09:35-10:05	CRISPR-mediated knock-in of large DNA & potentials in gene therapy	Prof. FENG Bo (DRB)	O13
10:05-10:35	Zswim4, a novel regulator for BMP signaling pathway, is essential for embryonic development	Prof. ZHAO Hui (DRB)	O14

10:35-11:00

TEA BREAK

Session VI (DRB)			
<i>Chairpersons: Prof. LI Gang (CUHK ORT) & Prof. JIANG Xiaohua (CUHK SBS)</i>			
11:00-11:30	The regulation of oxygen sensing and glucose metabolism in cartilage tissue engineering and regeneration	Prof. WAN Chao (DRB)	O15
11:30-12:00	Cellular-based therapy for cartilage regeneration	Prof. JIANG Yangzi (iTERM / DRB)	O16
12:00-12:30	Mesenchymal stem cell-based therapy for non-alcoholic fatty liver disease	Prof. LEE Chien-Wei (iTERM / DRB)	O17

12:30-12:45

CLOSING REMARKS

12:45-14:00

CLOSING LUNCH

Abbreviations:

AIC = Department of Anaesthesia and Intensive Care

CityU = City University of Hong Kong

CPY = Department of Chemical Pathology

CUHK = The Chinese University of Hong Kong

HKU = The University of Hong Kong

HKUST = The Hong Kong University of Science and Technology

iTERM = Institute for Tissue Engineering and Regenerative Medicine

MEDT = Department of Medicine & Therapeutics

OBG = Department of Obstetrics and Gynaecology

ORT = Department of Orthopaedics and Traumatology

SBS = School of Biomedical Sciences

SBS Thematic Research Programs:

- ❖ Cancer Biology and Experimental Therapeutics (CBET)
- ❖ Developmental and Regenerative Biology (DRB)
- ❖ Neural, Vascular, and Metabolic Biology (NVMB)