2019 QMB confirmed speakers with lecture titles (As of October 31, 2018)

No.	Talk title	Full name	Organization	Country
1	Journey to cell selective probe development	Young-Tae Chang	Pohang University of Science and Technology, Pohang, Korea	Korea
2	Bioorthogonal cleavage reactions in living systems	Peng Chen	Peking University, Beijing, China	China
3	Allostery at G protein-coupled receptors: Structure, function and translation	Arthur Christopoulos	Monash University, Melbourne, Victoria, Australia	Australia
4	The involvement of type-I interferon signalling and resultant neuroinflammation in neurodegenerative disease	Peter Crack	The University of Melbourne, Melbourne, Australia	Australia
5	CD103$^+$ tissue-resident CD8$^+$ T cells correlates with protective anti-tumoral immune responses in muscle-invasive bladder cancer patients	Bo Dai	Fudan University Shanghai Cancer Center, Shanghai, China	China
6	Injectable thermogels to load antitumor camptothecin analogs of high lactone fractions	Jiandong Ding	Department of Macromolecular Science, Fudan University, Shanghai, China	China
7	GLP-1R agonists for the therapy of metabolic disorders	Daniel J. Drucker	University of Toronto, Toronto, Canada	Canada
8	Structural and functional insights into GPCR signaling complexes	Yang Du	The Chinese University of Hong Kong, Shenzhen, China	China
9	Molecular modeling and drug design targeted at aminergic GPCRs	Wei Fu	Fudan University, Shanghai, China	China
10	Adaptive metabolic programming in liver cancer development	Weiping Han	Singapore Bioimaging Consortium, Singapore	Singapore
11	Understanding CGRP receptors in migraine and beyond	Debbie Hay	University of Auckland, Auckland, New Zealand	New Zealand
12	Total synthesis and SAR studies of biologically active natural products	Yun He	Chongqing University, Chongqing, China	China
13	NanoBRET approaches to study target engagement, ligand-binding kinetics and receptor oligomerization	Stephen Hill	University of Nottingham, U.K.	U.K.
14	Tumor-associated macrophage-targeting delivery and therapeutic strategies for overcoming drug resistance	Yongzhuo Huang	Shanghai Institute of Materia Medica, Chinese Academy of Sciences, Shanghai, China	China

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15	Integrative approach for modulation of tumor microenvironment in the search for novel anticancer agent	Kyeong Lee	Dongguk University, Seoul, Korea	Korea
16	Bile acids and human diseases	Xiaoguang Lei	Peking University, Beijing, China	China
17	Image-guided glioma drug delivery by specifically tuning blood brain barrier permeability	Cong Li	Fudan University, Shanghai, China	China
18	Application of mesoporous nanocomposites in biopharmaceutical analysis	Yan Li	Fudan University, Shanghai, China	China
19	Synthetic glycopeptide vaccines for cancer immunotherapy	Yan-Mei Li	Tsinghua University, Beijing, China	China
20	Discovery and development of anticancer drug eribulin (Halaven®), a pharmaceutically optimized synthetic analog of marine sponge natural product halichondrin B	Bruce Littlefield	Eisai Inc., Andover, U.S.A.	U.S.A.
21	Metabolites and bioactivities from marine extreme environment microorganisms	Yonghong Liu	South China Sea Institute of Oceanology, Chinese Academy of Sciences, Guangzhou, China	China
22	Metabolomics deciphers therapeutic discovery of siderophore biosynthesis	Haitao Lv	Shanghai Jiaotong University, Shanghai, China	China
23	Allosteric modulation of the cholecystokinin receptor	Laurence J. Miller	Mayo Clinic College of Medicine, Scottsdale, U.S.A.	U.S.A.
24	Causes and consequences of human obesity	Stephen O'Rahilly	University of Cambridge, Cambridge, U.K.	U.K.
25	FITGE-based target identification: new tool in chemical biology	Seung Bum Park	Seoul National University, Seoul, Korea	Korea
26	Genomics and patient care: how do we move from anecdote to impact?	Cristin Print	University of Auckland, Auckland, New Zealand	New Zealand
27	Targeting formyl peptide receptor to treat cardiovascular diseases	Chengxue Helena Qin	Baker Heart and Diabetes Institute, Melbourne, Australia	Australia
28	Chaperone-mediated autophagy activation in alcohol-induced liver injury and steatosis: role of sorting nexin 10	Xiaoyan Shen	Fudan University, Shanghai, China	China

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29	New combination therapies for cancer	Peter R. Shepherd	University of Auckland, Auckland, New Zealand	New Zealand
30	Alkyne-tag raman imaging	Mikiko Sodeoka	RIKEN Institute, Wako, Japan	Japan
31	Allosteric mechanisms of arrestin mediated GPCR signaling	Jinpeng Sun	Shandong University, Jinan, China	China
32	Active states of GPCRs: structural insights into the basis for high-affinity agonist binding and G protein coupling specificity	Christopher G. Tate	LMB, Cambridge, U.K.	U.K.
33	Harnessing state-of-the-art technologies in the race for drug discovery	Anthony Tsarbopoulos	National and Kapodistrian University of Athens, Athens, Greece	Greece
34	Small molecules that control energy metabolism	Motonari Uesugi	Kyoto University, Kyoto, Japan	Japan
35	Chairman of the Young Investigators' Forum	Peter K. Vogt	The Scripps Research Institute, La Jolla, CA, U.S.A.	U.S.A.
36	Innovative drug discovery in an academic setting: Translational diabetes research in Fudan University	Qinghua Wang	Huashan Hospital, Fudan University, Shanghai, China	China
37	Discovery of RORγt agonists for cancer immunotherapy	Yonghui Wang	Fudan University, Shanghai, China	China
38	Bidirectional modulation of HIF-2 activity through allosteric ligands	Dalei Wu	Shandong University, Qingdao, China	China
39	Structural biology of G protein-coupled receptor signaling complexes	H. Eric Xu	Shanghai Institute of Materia Medica, Chinese Academy of Sciences, Shanghai, China	China
40	Tackling undruggable protein in RNA epigenetic	Cai-Guang Yang	Shanghai Institute of Materia Medica, Chinese Academy of Sciences, Shanghai, China	China
41	Exploring the anticancer activities of artemisinin and sinomenine derivatives	Zhu-Jun Yao	Nanjing University, Nanjing, China	China
42	Targeting nutrient stress for drug discovery for metabolic disease	Jiming Ye	Royal Melbourne Institute of Technology, Melbourne, Australia	Australia

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43	Chemical biology on energy metabolism and aging	Minoru Yoshida	RIKEN Institute, Wako, Japan	Japan
44	Novel approaches to target the undruggable targets	Hua Yu	City of Hope Comprehensive Cancer Center, Duarte, U.S.A.	U.S.A.
45	Autophagic death of neural stem cells mediates chronic stress-induced decline of adult hippocampal neurogenesis and cognitive deficits via SGK3	Seong-Woon Yu	Daegu Gyeonbuk Institute of Science and Technology, Daegu, Korea	Korea
46	The novel substrates discovery indicates AMPK functions beyond metabolism	Yi Zang	National Center for Drug Screening, Shanghai, China	China
47	Structural studies on the GPCRs with biased and allosteric ligands	Haitao Zhang	Zhejiang University, Hangzhou, China	China
48	The universal activation mechanism of GPCRs	Suwen Zhao	iHuman Institute, ShanghaiTech University, Shanghai, China	China
49	Immune infiltrate determination of molecular subtypes of ovarian cancer	Shengtao Zhou	West China Second Hospital, Sichuan University, Chengdu, China	China
50	Preclinical and clinical studies of novel compound SCM-198 in China and US	Yizhun Zhu	Macau University of Science and Technology, Macau SAR, China	Macau SAR, China