



Programme Agenda

Conference Center, ShanghaiTech University
393 Middle Huaxia Road, Zhangjiang, Pudong, Shanghai, 201210, China

Friday, 1 June, 2018

Time	Session	Chair
09:00	Introduction and welcome	
09:10	Medicinal Chemistry of Purinergic Signaling in Inflammation, Immunity and Cancer <i>Christa Müller, University of Bonn, Germany</i>	Hong Shen
09:50	A Kiss of Death for Targeted Protein Degradation <i>Alessio Ciulli, University of Dundee, United Kingdom</i>	
10:30	Photo & Coffee break	
11:00	Discovery of First-in-Class, Potent, and Orally Bioavailable Embryonic Ectoderm - Development (EED) Inhibitor with Robust Anticancer Efficacy - Insight of Structural Based Drug Discovery, A wave of Twists and Turns <i>Zhengtian Yu, Novartis (China) Biomedical Research Co., Ltd., China</i>	Hongying Yun
11:30	Discovery and Development of a Novel Capsid Assembly Inhibitor for the Treatment of Chronic HBV Infection <i>Wei Zhu, Roche Innovation Center Shanghai, China</i>	
12:00	Lunch	
13:00	Royal Society of Chemistry - Supporting the Chemical Science Community in Tackling Health Global Challenges <i>Richard Kelly, Royal Society of Chemistry, United Kingdom</i>	Hayley Binch
13:20	Application of Genome Editing Techniques in the Study of Human Diseases and Infections <i>Xuebin Liao, Tsinghua University, China</i>	
14:00	Mechanistic Insights into Cytosolic LPS Sensing and Pyroptosis Execution <i>Jingjin Ding, National Institute of Biological Science, Beijing, China</i>	Haixia Liu
14:10	A First-in-Class Sirtuin6 Allosteric Activator for Colorectal Cancer Treatment <i>Jialin Shang, Shanghai Jiaotong University, China</i>	
14:20	Strategies Targeting on Smoothed Receptor to Reverse Cancer Resistance <i>Fang Zhou, ShanghaiTech University, China</i>	
14:30	An Asymmetrical Semicyanine Dye Nanoparticles(TR-NPs) for Small Vessel Photoacoustic Imaging <i>Jialiang Xiong, Tsinghua University, China</i>	
14:40	Tea & Coffee break & Poster session	
15:30	Practical Heteroatom-Transfer Reagents and Reactions <i>Lazlo Kurti, Rice University, United States</i>	Wei Zhu
16:10	Fluoroalkyl-Substituted Sulfonium Ylides: A New Type of Fluoroalkylating Reagents <i>Qilong Shen, Shanghai Institute of Organic Chemistry, CAS, China</i>	
16:50	Site-Selective C–C and C–H Functionalization of Common Functional Groups <i>Guangbin Dong, University of Chicago, United States</i>	
17:30	Close	

2018 Roche–RSC International
Symposium on Scientific
Frontiers to Enable
Drug Discovery



1–2 June 2018
Shanghai, China

Saturday, 2 June, 2018

Time	Session	Chair
09:00	Delivery of RNA Therapeutics: Overcoming a Billion Years of Evolutionary Defenses <i>Steven Dowdy, UC San Diego School of Medicine, United States</i>	Thomas Ryckmans
09:40	FITGE-Based Target Identification: New Tool in Chemical Biology <i>Seung Bum Park, Seoul National University, South Korea</i>	
10:20	Tea & Coffee break & Poster Session	
11:00	Molecular Visualizaiton: History and Current Applications <i>Yan Liang, University of Science and Technology of China, China</i>	Ge Zou
11:20	Incorporating Quantum Mechanics Calculation in Retrospective and Prospective Analyses of Organic Syntheses <i>John S. Wai, WuXi AppTec (Shanghai) Co., Ltd. / Fudan University</i>	
12:00	Lunch	
13:00	Structural Biology Study of Human Cannabinoid Receptor CB1 <i>Tian Hua, ShanghaiTech University, China</i>	Xiao Ding
13:30	Beyond Orthogonality: Sulfur(VI) Fluoride Exchange (SuFEx), another Good Reaction for Click Chemistry <i>Jiajia Dong, Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, China</i>	
14:00	Switchable Synthesis of Highly Functionalized Pyridines and Pyrroles via Cu-catalyzed Cascade Addition Reactions and Mechanistic Study <i>Zheng Ling, Shanghai Jiaotong University, China</i>	Xiaoqing Wang
14:10	Cu-catalyzed Sonogashira Cross-coupling Reaction <i>Ying Chen, Shanghai Institute of Organic Chemistry, CAS, China</i>	
14:20	Divergent Asymmetric Total Syntheses of Hydroindole Alkaloids <i>Nengzhong Wang, East China Normal University, China</i>	
14:30	New Fluorescent Probe used to Detect and Image Carboxylesterase in Hepatoma Cells and its Inspiration to Medical and Drug Research <i>Zihe Yan, Tsinghua University, China</i>	
14:40	Tea & Coffee break	
15:10	Development of Concise and Efficient Synthetic Methodologies to Total Synthesis of Biologically Important Natural Products <i>Zhen Yang, Peking University, Shenzhen Graduate School, China</i>	Zhijie Liu
15:50	A New Approach Towards Diabetes Drug Discovery <i>Ray Stevens, ShanghaiTech University, China</i>	
16:30	Closing Remarks & Poster award	Zhijie Liu, Hong Shen and Hongmei Peng