

<b>International Conference on Pharmacology: Advances in Translational sciences and Drug Discovery</b>			
<b>Date:</b> July 04-05, 2019 <b>Venue:</b> Clinical Research Center Auditorium, MD11			
<b>Day 1 Program (July 04, 2019) Thursday</b>			
<b>Registration</b> 0745 - 0830			
<b>Welcome Opening Remarks</b> Guest-of-Honor: Dean-Professor CHONG Yap Seng, Yong Loo Lin School of Medicine, NUHS Head-Associate Professor of Pharmacology W.S. Fred WONG, NUS and President of PSS 0830 - 0840			
<b>Group Photo</b> 0840 - 0850			
<b>Session I: Innovative Medicines</b> 0850 - 1215			
<b>Plenary Lecture I:</b> Marine and Terrestrial Natural Product Drug Leads: Discovery, SAR, and Protein Targets Raymond J. ANDERSEN (University of British Columbia, Canada) 0850 – 0925 <b>Introduction by:</b> W.S. Fred WONG			
<b>0925 - 1040</b>	<b>Invited Lectures</b> <b>Chairpersons:</b> Hendrik LUESCH and Edward CHOW		
0925 - 0950	Natriuretic peptide analogs with vasodilatory or renal activities: Personalized care of heart failure patients	Manjunatha KINI	National University of Singapore, Singapore
0950 - 1015	Role of SIRT1 in growth and progression of human colon cancer cells and its inactivation by curcumin through covalent modification at the cysteine 67 residue	Young-Joon SURH	Seoul National University, South Korea
1015 - 1040	Deciphering the promiscuity of andrographolide: lessons in turning a vice into a virtue	Christina CHAI	National University of Singapore, Singapore
<b>1040 - 1120</b>	<b>Tea &amp; Poster Session</b>		
1120 - 1145	Translational research of anti-inflammatory drugs: from bench to bedside and back	Yang SUN	Nanjing University, China
<b>1145 - 1215</b>	<b>Oral Scientific Presentations</b> <b>Chairpersons:</b> Manjunatha KINI and Shie-Liang HSIEH		
1145 - 1155	Andrographolide, a bioactive natural molecule from <i>Andrographis paniculata</i> , restores corticosteroid sensitivity in COPD	Wupeng LIAO	National University of Singapore, Singapore

1155 - 1205	ABCC3 transporter activity is a druggable vulnerability in p53-mutant pancreatic cancer	Aleksandra ADAMSKA	Curtin University, Australia
1205 - 1215	MITF-M: the pivotal molecule regulating the therapeutic potential of tryptanthrin, a candidate drug against malignant melanoma	Ruby John ANTO	Rajiv Gandhi Centre for Biotechnology, India
<b>Lunch &amp; Poster Session</b> 1215 - 1335			

<b>Session II: Drug Screening Technologies</b> 1335 - 1730			
<b>Plenary Lecture II:</b> Somatic gene recombination in neurons: implications for drug discovery and therapeutics in Alzheimer's and other brain diseases Jerold CHUN (Sanford Burnham Prebys Medical Discovery Institute, USA) 1335 – 1410 <b>Introduction by:</b> Deron HERR			
<b>Invited Lectures</b> <b>Chairpersons:</b> Chay Hoon TAN and Yong YANG			
1410 - 1435	Drugging the Wnt pathway - Where it helps, where it hurts	David VIRSHUP	DUKE, NUS Singapore Singapore
1435 - 1500	Drug discovery inspired by marine cyanobacteria	Hendrik LUESCH	University of Florida, USA
1500 - 1525	A Systematic Approach to Discover Natural Bioactive Compounds from the Biodiversity of Borneo	Charlie Tiong Chia YEO	Sarawak Biodiversity Centre, Malaysia
<b>Tea &amp; Poster Session</b>			
1615 - 1640	Small Molecular Weight Compounds for Target Validation	Thomas KELLER	Experimental Therapeutics Centre, Singapore
<b>Oral Scientific Presentations</b> <b>Chairpersons:</b> Raymond CHANG and Edward CHOW			
1640 - 1650	Application of physiologically based pharmacokinetic modeling for the prediction of anlotinib drug-drug interactions	Xiaoqiang XIANG	Fudan University, China
1650 - 1700	Multitargeted Agents In Cancer Cell Chemosensitization: What We Learned Thus Far?	Ajaikumar B. KUNNUMAKKARA	Indian Institute of Technology Guwahati, India
1700 - 1710	The effects of ellagic acid and lisinopril in type 2 diabetic nephropathy rat model: A comparative study	Sohrab Akhtar SHAIKH	AIMST University, Malaysia

1710 - 1730		Alumni Talks	
1710-1720	Tumour-Derived Exosomes and Their Role in Metastasis of Lung Cancer	Lingzhi WANG	National University of Singapore, Singapore
1720-1730	Triptolide induces atrophy of myotubes by triggering IRS-1 degradation and activating the FoxO3 pathway	Zhang BAO	The First Affiliated Hospital of Zhejiang University, China

Day 2 Program (July 05, 2019) Friday			
<b>Registration</b> 0820 - 0850			
<b>Session III: Optimization of drugs and their delivery</b> 0850 - 1215			
<b>Plenary Lecture III:</b> The role of the innate immune response in triggering exacerbation of asthma: searching for a common etiological pathway Paul FOSTER (The University of Newcastle, Australia) 0850 – 0925 <b>Introduction by:</b> W.S. Fred WONG			
0925 - 1040		<b>Invited Lectures</b> <b>Chairpersons:</b> Richard D. YE and Jinsong BIAN	
0925 - 0950	Depression and prostate cancer	Yong YANG	China Pharmaceutical University, China
0950 - 1015	Application of QPOP towards drug combination design and personalised medicine	Edward CHOW	National University of Singapore, Singapore
1015 - 1040	Preventive and therapeutic effects of natural products in neurodegenerative diseases	Raymond CHANG	The University of Hong Kong, Hong Kong
1040 - 1120		<b>Tea &amp; Poster Session</b>	
1120 - 1145	Targeting Rac small GTPase for lung inflammation and fibrosis	Richard D. YE	The Chinese University of Hong Kong, Shenzhen, China
1145 - 1215		<b>Oral Scientific Presentations</b> <b>Chairpersons:</b> Xiaoliang WANG and Lingzhi WANG	
1145 - 1155	Amiodarone induces autophagy/mitophagy by activating Sirtuin-3 in acute myelocytic leukemia	Dejuan SUN	Sichuan University, China

1155 - 1205	Prediction of Inhibitory Effects of Fisetin and Hesperidin against Vascular Dementia Targets-A Molecular Docking Approach	B Hemanth KUMAR	Anurag Group of Institutions, India
1205 - 1215	Drug repurposing identifies econazole as a novel neuroprotective agent that activates autophagy/mitophagy in Parkinson's disease models	Yuqian ZHAO	Sichuan University, China
<b>Lunch &amp; Poster Session</b> 1215 - 1335			
<b>Session IV: Translational Validation/Applications of Drugs</b> 1335 - 1730			
<b>Plenary Lecture IV: Targeting SALL4 in Cancer</b> Daniel G TENEN (Cancer Science Institute of Singapore, Singapore) 1335 – 1410 <b>Introduction by: Gautam SETHI</b>			
<b>Invited Lectures</b> <b>Chairpersons: Young-Joon SURH and Deron HERR</b>			
1410 - 1525			
1410 - 1435	Cancer Drug development – did we get the right dose?	Boon Cher GOH	National University of Singapore, Singapore
1435 - 1500	The Novel Drugs for Stroke and for Alzheimer's Disease from L-3-n-Butylphalide and its derivatives	Xiaoliang WANG	Chinese Academy of Medical Sciences, China
1500 - 1525	CLEC5A/TLR2: Novel Therapeutic Target for Acute Viral Infections	Shie-Liang HSIEH	Genomics Research Center, Taiwan
1525 - 1615	<b>Tea</b>		
1615 - 1640	A Population Study of Quantified Statin Metabolites and Its Implication for Precision Treatment of Cardiovascular Risk	Chester DRUM	National University of Singapore, Singapore
1640 - 1710	<b>Oral Scientific Presentations</b> <b>Chairpersons: Gavin DAWE and Yang SUN</b>		
1640 - 1650	An innovative method for accurate targeting and rapid anti-depression on mice by implantable nanomaterials-enhanced nervous magnetic stimulation	Qingbo LU	Southeast University, China
1650 - 1700	Modulation of oncogenic transcription factors by steroidal saponin, diosgenin inhibits growth and metastasis in transgenic adenocarcinoma of mouse prostate model	Muthu K SHANMUGAM	National University of Singapore, Singapore

1700 - 1710	Pre-clinical validation of Thymidylate synthase as the clinical target of curcumin in chemosensitization of breast cancer towards 5-FU chemotherapy	Haritha H NAIR	Rajiv Gandhi Centre for Biotechnology, India
<b>1710 - 1730</b>	<b>Alumni Talks</b>		
1710-1720	Pivotal role of cathelicidin antimicrobial peptide in gluten-sensitive enteropathy	Jia SUN	Jiangnan University, China
1720-1730	Saturated fats and their implications on insulin and type-2 diabetes	Yusuf ALI	Nanyang Technological University, Singapore
<b>Award Presentations and Closing Remarks</b>			
A/Prof WS Fred WONG, Head of Pharmacology Department, NUS and President of PSS 1730 - 1750			