

A MULTI-DISCIPLINARY SYMPOSIUM ON TRANSLATIONAL MULTI-OMICS AND PRECISION MEDICINE: LINKING BIOTECHNOLOGY, BASIC BIOLOGY, AND CLINICAL RESEARCH

Date : 26 April 2018 (Thursday)

Time : 8:50am to 6:00pm

Venue : CLASS Interdisciplinary
Multi-function Room,
G7603, 7/F, near lift no. 2
Yeung Kin Man Academic Building

Keynote Speakers :

Prof. Ajay Goel (Baylor U)

Prof. Nathalie Wong (CUHK)

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Department of
Biomedical Sciences



Registration



Limited places and first come first service

Please register by 23 April 2018

A Multi-disciplinary Symposium on Translational Multi-omics and Precision Medicine: linking biotechnology, basic biology, and clinical research

Date: 26 Apr 2018

Venue: CLASS Interdisciplinary Multi-function Room, G7603,
7/F (lift No.2), Yeung Kin Man Academic Building

Time	Activity	Title
8:40-8:50	Registration	
Session 1	Session Host : Dr. Xin Wang (CityU/BMS)	
8:50-9:00	Opening speech by Prof. Yang (head, CityU/BMS)	
9:00-9:50	Prof. Ajay Goel (Keynote Speaker, Baylor U)	The clinical significance of noncoding RNAs biomarkers in gastrointestinal Cancers
9:50-10:15	Dr. Rebecca Chin (CityU/BMS)	Epigenetics in breast cancer: subtype-specific regulation and therapeutic implications
10:15-10:40	Dr. Peng Shi (CityU/MBE)	All-optical wireless optogenetic control of brain activity based on Upconversion technique
10:40-10:55	Coffee/Tea break	
Session 2	Session Host : Dr. Liang Zhang (CityU/BMS)	
10:55-11:20	Dr. Jiguang Wang (HKUST)	Mutational landscape reveals MET alteration as a drug target in secondary glioblastoma
11:20-11:45	Dr. Jianbo Yue (CityU/BMS)	Development of vacuolin-1 as a novel anti-metastasis drug
11:45-12:10	Dr. Liang Zhang (CityU/BMS)	Blood proteomic profiling for cancer biomarkers
12:10-12:35	Dr. Linfeng Huang (CityU/BMS)	“Personalized” RNAi Screen Using pro-siRNA technology
12:35-14:00	Lunch break	City Top, 9/F BOC (Bank of China (Hong Kong) Complex)
Session 3	Session Host : Dr. Jiguang Wang (HKUST)	
14:00-14:50	Prof. Nathalie Wong (Keynote Speaker, CUHK)	Genomic Landscape of Hepatocellular Carcinoma
14:50-15:15	Dr. Minh Le (CityU/BMS)	Efficient RNA delivery using blood cell extracellular vesicles
15:15-15:40	Dr. Sean Yuan (CityU/BMS)	Modelling Influenza replication lifecycle: Toward a personalized treatment of influenza
15:40-16:05	Dr. GuangYu Zhu (CityU/Chem)	Targeted delivery of platinum(IV) anticancer prodrugs
16:05 – 16:20	Coffee/Tea break	
Session 4	Session Host : Dr. Rebecca Chin (CityU/BMS)	
16:20-16:45	Dr. Jun Li (CityU/PH)	Microbiome and its implication for human/animal health
16:45-17:10	Dr. Xi Yao (CityU/BMS)	Bio-inspired Surface Engineering for Biofouling Prevention
17:10-17:35	Dr. Katie Chan (CityU/BMS)	Pathways and Networks of Metabolic Diseases: A Driver for Developing Precision Medicine
17:35-18:00	Dr. Mingliang He (CityU/BMS)	Target-based anticancer peptide