

2018 SCBA DC-Baltimore Chapter Annual Scientific Symposium

Saturday, March 24, 2018

Johns Hopkins University Montgomery County Campus, Gilchrist Hall

9601 Medical Center Drive, Rockville, MD 20850

(Free parking at the parking lot in front of the conference center)

Co-organizers: **Dr. Mitchell Ho** (National Cancer Institute) and **Dr. Li Yang** (National Cancer Institute)

Meeting Program

8:00-8:45am Registration/Coffee

8:45-9:00am Welcome/Opening Remarks (Dr. Li Yang, President of SCBA DC chapter)

9:00-10:10am Session I: Genome Biology and Disease

Co-Chairs: Dr. Paul Liu (NHGRI) and Dr. Hong Xu (NHLBI)

9:00-9:20am Dr. Xinzhuan Su (NIAID)

Dissecting host innate pathways in response to malaria infections for immune intervention

9:20-9:40am Dr. Zhibin Wang (Johns Hopkins University)

Uncharted territory: a mechanism of regional “autosomal chromosome inactivation” for human development and public health?

9:40-10:00am Dr. Chun Zhang Yang (NCI/NIH)

Microenvironment-derived Mitochondria Prime Glioma Chemoresistance by Augmenting NAD⁺ Metabolism and PARP-dependent DNA Repair

10-10:10am Dr. Wei Li (CNMC/George Washington University) (short talk)

Identification of Essential Sites in the CTCF and FOXA1 Cistromes

10:10-10:30am Coffee break

10:30-11:40 am Session II: Protein biology: Synthesis, Modification, Trafficking, Structure, Function and Degradation

Co-Chairs: Dr. Wei Yang (NIDDK) and Dr. Jiou Wang (Johns Hopkins University)

10:30-10:50am Dr. Jiou Wang (Johns Hopkins University)

Protein Quality Control in Neurodegeneration

10:50-11:10am Dr. Tongzhong Ju (FDA)

Protein O-glycosylation: Biochemistry, Biology and Medicine

11:10-11:30am Dr. Yihong Ye (NIDDK)

Unconventional protein secretion and protein quality control

11:30-11:40am Dr. Jingxing Ou (NEI) (short talk)

Induced pluripotent stem cells from a hibernating mammal: a novel way to study hibernation in a dish

11:40-11:45am Introduction to NIH Taiwanese Association (Emily Tai, Coordinator)

11:45-12:00pm Dr. Roland Owens (NIH/OD)

Competing for scientific leadership positions

12pm-1:00pm Lunch Break

Career round table discussion

Moderators: Dr. Chun Zhang Yang (NCI) and Dr. Ling Yang (NHLBI).

Panelists: Academic Panel discussion: Career in scientific research

Dr. Roland Owens (NIH/OD), Dr. Jingwei Zhang (NIDDK), Dr. Jiansen Jiang (NHLBI)

Regulation Panel discussion: Career in management of research projects grants

Dr. Yali Fu (NCI), Dr. Zhangzhi Hu (NIH/CSR)

Industry Panel discussion: Career in pharmaceutical industry

Dr. Chuanhua Xing (Founder, XPrecision LLC and Shi Hua Big Data Healthcare)

Dr. Shoupeng Lai (Co-Founder, Nanjing Leads Biolabs Co. Ltd)

1:00pm-2:00pm Poster session

2:00pm-3:10pm Session III: Disease Biology and Therapies

Co-Chairs: Dr. Ying Zhang (NCI) and Dr. Wanjun Chen (NIDCR)

2-2:20pm Dr. Chuan Wu (NCI)

Foxo1 regulates commensalism via modulating goblet cell function

2:20-2:40pm Dr. Huiping Zhou (VCU/Medical College of Virginia)

Bile acids, GPCR and Non-alcoholic fatty liver disease

2:40-3:00pm Dr. Aiwu Ruth He (Georgetown University)

γ -OHPdG as a prognostic biomarker for hepatocarcinogenesis and its prevention by antioxidants

3-3:10pm Dr. Ling Hao (NINDS) (short talk)

Mass-spectrometry based proteomic evaluation of lysosome dysfunction in human iPSC-neuron models of neurodegeneration

3:10-3:30pm Coffee break

3:30-4:30pm Keynote Presentation

Dr. Chuxia Deng (Macau University)

From BRCA1 to Precision Oncology

4:30-4:50pm Award Ceremony

4:50-5:00pm Closing Remarks (Dr. Ji Luo, President-elect of SCBA DC chapter)