

美洲華人生物科學學會

Society of Chinese Bioscientists in America

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

Co-organizers: Dr. Mitchell Ho (NCI) and Dr. Li Yang (NCI)

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
- 10:00-10:10am Short Talk (selected from abstracts): Dr. Wei Li (CNMC/George Washington University)
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)

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- 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 Short Talk (selected from abstracts): Dr. Jingxing Ou (NEI)
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 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-2:30pm Poster session**
- 2:30pm-3:40pm Session III: Disease Biology and Therapies**
- Co-Chairs:** Dr. Ying Zhang (NCI) and Dr. Wanjun Chen (NIDCR)
- 2:30-2:50pm Dr. Chuan Wu (NCI)
Foxo1 regulates commensalism via modulating goblet cell function

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- 2:50-3:10pm Dr. Huiping Zhou (VCU/Medical College of Virginia)
Bile acids, GPCR and Non-alcoholic fatty liver disease
- 3:10-3:30pm Dr. Aiwu Ruth He (Georgetown University)
 γ -OHPdG as a prognostic biomarker for hepatocarcinogenesis and its prevention
by antioxidants
- 3:30-3:40pm Short Talk (selected from abstracts): Dr. Ling Hao (NINDS)
Mass-spectrometry based proteomic evaluation of lysosome dysfunction
in human iPSC-neuron models of neurodegeneration
- 3:40-4:40pm Keynote Presentation**
Dr. Chuxia Deng (Macau University)
From BRCA1 to precision oncology
- 4:40-4:55pm Award Ceremony**
- 4:55-5:00pm Closing Remarks** (Dr. Ji Luo, President-elect of SCBA DC chapter)