



美洲華人生物科學學會



Society of Chinese Bioscientists in America

The First SCBA DC-Baltimore Chapter Annual Scientific Symposium

February 22, 2015

University of Maryland School of Medicine
621 W. Lombard St., Baltimore, MD 21201

Program

8:00am- 3:20 pm

Registration

8:00-9:00 am

Coffee/Breakfast

9:00-9:10a,m
remarks

Wanjun Chen, Aiping Zhao, Welcome/Opening

9:10-10:30 AM

Session 1: Gene, Development and Aging

Chairs: **Richard Zhao Ji**

Luo,

Yixin Zheng, Carnegie Institute of Washington
The role of lamins in development and aging

Jing Huang, -NIH/NCI
Roles of P53 repressed targets in stem cells

Kan Cao, Univ. of Maryland at College Park
The Biology of Aging-new approaches to old questions

Xuan Xu (Short Talk, Abstract #13) NCI, NIH
The role of Smurf ubiquitin ligases during embryonic development

10:20-10:40 AM

Coffee break

10:40 – 11:50 aM

Session 2: Immunity, Inflammation and Cancer

Chairs: **Yunbo Shi, Jian-ying Wang**

Yang Liu, National Children's Research Institute
Sialoside-based pattern recognition and inflammation

Nan-Ping Weng, NIH/NIA
Telomere attrition and its role in age-associated decline of immune function

Wenge Zhu, George Washington University
The Regulation of DNA replication Checkpoint in cancer cells

Rex Sun (Short Talk, Abstract 22), University of Maryland
Neutrophil Elastase Regulates Type 2 Immune Responses to Enteric Nematode Infection

11:50 – 12:30 pm

Lunch Break

12:30 – 2:00 pm

Poster session: Chairs: **Wei Yang, Pan Zheng**
(Award committee)

Selection of posters (-8-10) for 5-min presentation compete for award

2:00-3:00pm

Session 3: *Proteins and novel technology*

Chairs; **Ying Zhang, Yuntao Wu**

Yihong Ye, NIH/NIDDK

Protein Quality control mechanism in Eukaryotic cells

Lai-Xi Wang, Univ. of Maryland at Baltimore/College Park

Glycoengineering of antibodies for improved therapeutic efficacy

Gang Ren (**Short talk**, Abstract #5), NHLBI, NIH

High-resolution analysis of genome-wide long-distance chromatin interactions using sureHi-C

Dechun Feng (**Short talk**, Abstract #2) NIAAA, NIH

A Cre-inducible human CD59 mediates rapid and efficient cell lineage ablation model after intermedilysin administration

3:00 – 3:20 PM

Coffee Break

3:20-4:20pm

Session 4: *Cell-cell interaction and Cell-tissue cross-talk*

Chairs; **TC Wu, Cheng-hong Wei**

Elizabeth Chen, Johns Hopkins University

How to make one cell from two: mechanisms of cell-cell fusion

Li Zhang, University of Maryland at Baltimore School of Medicine

Activation of platelet derived growth factor by microglia and its impact on blood brain barrier function

Ying Dong (**Short Talk**, Abstract #18-) Johns Hopkins University

Clc-5 deficient mice, a novel murine model of obesity and metabolic syndrome

Fei Tang (**Short talk**, Abstract #4), Children's National Medical Center

Characteristics of the myelolymphoblastic innate cells unmasked by deletion of the Raptor gene

4:20-5:00pm

Award Ceremony Chairs: **Wei Yang, Pan Zheng**

5:00pm

Closing remarks and adjourn: Wenjin Wu