

# 美洲華人生物科學學會

## Society of Chinese Bioscientists in America

### 2024 SCBA DC Chapter Annual Scientific Symposium

Saturday, June 8, 2024, University of Maryland, College Park

Co-organizers: **Drs. Wei Li** (NIH/NEI), **Chuan Wu** (NIH/NCI), **Xiaoyan Zheng** (GWU)

**Location:** Lecture Hall CHM1407, the Chemistry Building  
The Atrium adjacent to the Lecture Hall for poster sessions, coffee, and lunch  
Address: 8051 Regents Drive, College Park

**Parking: (using this address for google map):** Regents Drive Garage, 8056 Regents Drive, College Park (free on Saturday)

### Meeting Program

- 8:00-8:40am Registration/Coffee
- 8:40-8:45am Welcome/Opening Remarks (Dr. Yuan Zhu, President of SCBA DC chapter)
- 8:45-10:25am** **Session I: Genetics/Genomics/New technologies**  
**Co-Chairs:** Dr. Hong Xu (NIH/NHLBI) and Dr. Haiyan He(GU)
- 8:45-9:15am **Opening Keynote**  
**Dr. Xin Chen (Johns Hopkins)**  
**A new perspective of DNA replication components in stem cell lineages**
- 9:15-9:35am Dr. James Zhe Liu (HHMI/Janelia)  
**Deciphering the form and function of the 3D genome**
- 9:35-9:55am Dr. Chongyi Chen (NIH/NCI)  
**Explore DNA supercoiling tension across the human genome**
- 9:55-10:15am Dr. Xiaofang Jiang (NIH/NLM)  
**Comparative genomics aids the discovery of a gut microbial enzyme reducing bilirubin to urobilinogen**
- 10:15-10:25am Trainee  
**Title:**

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## Society of Chinese Bioscientists in America

10:25-10:45am Coffee break

10:45-12:15pm **Session II: Immunology connecting to everything**

**Co-Chairs:** Dr. Yuntao Wu (GMU) and Dr. TBD

10:45-11:05am Dr. Li Yang (NIH/NCI)

**Tumor suppressors and immune cells, an important regulatory axis in cancer metastatic progression**

11:05-11:25am Dr. Lishan Su (UMD)

**Mechanisms of Human Inflammatory Diseases: Lessons from Viruses**

11:25-11:45pm Dr. Nanping Weng (NIH/NIA)

**CD8 T cell response against SARS-CoV-2**

11:45-12:05am Dr. Hao Jin (NIH/NIAID)

**A body-brain circuit regulating body inflammatory responses**

12:05-12:15pm Trainee

**Title:**

12:15 pm-1:30pm **Lunch Break**

**Career round table discussion (Concurrent)**

- **Topic 1: Industry and Regulatory Career Pathways**

Chair: Dr. Yihong Ye (NIH/NIDDK)

Panelists: Dr. You Li (CBA, President-elect)

Dr. Jun Zhao (FDA)

- **Topic 2: NIH Intramural and Extramural Programs**

Chair: Dr. Mitchell He (NIH/NCI)

Panelists: Dr. Carl Hashimoto (NIH/OD/Director of Faculty Development)

Dr. Yuan Luo (Program Director, NIA)

1:30pm-2:30pm **Poster session**

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- 2:30pm-4:20pm**      **Session III: Epigenetics**  
**Co-Chair:** Dr. Han-Yu Shih (NIH/NEI) and Dr. Zhe Han (UMD)
- 2:30-2:50pm      Dr. Keji Zhao (NIH/NHLBI)  
**Detection, function, and regulation of chromatin looping**
- 2:50-3:10pm      Dr. Tingting Wang (GU)  
**Glial epigenetic signaling in alzheimer's disease**
- 3:20-3:40pm      Dr. Kai Ge (NIDDK)  
**Enhancer regulation by chromatin modifying enzymes**
- 3:40-4:00pm      Dr. Jia-Ray Yu (VT/VTC)  
**Chromatin imbalance in cancer**
- 4:00-4:20pm      Dr. Weiqun Peng (GWU)  
**3D chromatin architecture and its role in gene regulation in immune system**
- 4:20-4:30pm**      **Coffee break**
- 4:30-5:30pm**      **Closing Keynote**  
Dr. Chuan He (U Chicago)  
**Reversible RNA methylation in gene expression regulation**
- 5:30-5:45pm**      **Award Ceremony**
- 5:45-5:50pm**      **Closing Remarks** (Dr. Wei Li, President-elect of SCBA DC chapter)

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