

Third Circulation (第三轮通知)

## **The Overseas Chinese Society for Microbiology (Sino-Micro) 2024 Symposium**

12:30 – 4:00 PM, June 13, 2024, B314, Georgia World Congress Center (GWCC),  
285 Andrew Young International Blvd NW, Atlanta, Georgia, USA,  
in association with [ASM Microbe 2024](#)

Session 738: <https://www.abstractsonline.com/pp8/#!/20188/session/738>



### **Sino-Micro 2024**

### **Annual Meeting of Overseas Chinese Society of Microbiology**

2024 海外华人微生物学会年会

The 2024 annual meeting of the Overseas Chinese Society of Microbiology (Sino-Micro) will be held in association with ASM Microbe 2024 (June 13-17, 2024), Atlanta, Georgia. We plan to have the meeting in the afternoon of June 13 (12:30 pm - 4:00 pm) in a mini-conference format. Scientists and medical practitioners in fundamental, clinical and environmental microbiology are invited to attend the event to showcase their new discoveries and to seek opportunities for scientific collaborations.

We have a panel of 4 outstanding colleagues who will present their cutting-edge research. In addition, 3 short talks have also been selected from Abstracts submitted by our members. A special topic session is also arranged to include two talks by the leaders from the ASM Journals and eCyte. Finally, a discussion session is also included. We welcome your participation.

### **Organizer:**

Overseas Chinese Society of Microbiology (海外华人微生物学会)

### **Sponsors:**

US eCyte / 青岛星赛生物

## **Agenda**

### **12:30-1:45 PM Introduction**

Oliver He and Yi-Wei Tang

### **12:45-3:00 PM Scientific Sessions (Chairs: Zhao-Qing Luo and Oliver He)**

Invited speakers (15 min + 5 min Q&A discussion, short talks from Abstract 12 min+ 3 min Q&A discussion)

#### **Session 1: Molecular mechanism of infection and antibiotic resistance**

12:45-1:05 PM

Yiping Han, Professor, Columbia University

Title: Amyloid FadA: a molecular switch converting *Fusobacterium nucleatum* from benign commensal to cancer-stimulating pathogen

1:05-1:20 PM

Benjamin M. Liu, Assistant Professor, George Washington University School of Medicine and Health Sciences

Title: Microbiologic and comparative genomic analysis of a hyper-aerotolerant *Campylobacter jejuni* causing bloodstream infections in a pediatric immunocompromised patient

1:20-1:40 PM

Peijun Ma, Assistant Professor, St. Jude Hospital

Title: Understanding the evolution of antibiotic resistance using bacterial single-cell transcriptomics

#### **Break (10 min)**

#### **Session 2: Microbiome and ecology research**

1:50-2:10 PM

Xuesong He, Professor, Forsyth Institute

Title: The biology, ecology, and pathogenesis of Saccharibacteria (TM7), the ultrasmall bacteria within human oral microbiome

2:10-2:25 PM

Jian Xu, Professor, Qingdao Institute of BioEnergy and Bioprocess Technology (QIBEBT), Chinese Academy of Sciences, Qingdao, Shandong, China

Title: Label-free dissection and sorting of metabolic phenomes (e.g., heteroresistance) @ single-cell in microbiome via Raman Flow Cytometry

2:25-2:45 PM

Jun Zhu, Professor, University of Pennsylvania

Title: Inter-Phylum Quorum Sensing Elevates *Vibrio cholerae* Virulence in Dysbiotic Human Gut Microbiota

2:45-3:00 PM

Chengsheng Zhang, Professor and Chairman The First Affiliated Hospital Jiangxi Medical College Nanchang University

Title: Detection and characterization of microorganisms associated with lower respiratory tract infections by metagenomic next-generation sequencing (mNGS) of 27089 clinical samples across mainland China

**3:00-3:30 PM Special Topics (Chairs: Oliver He and Zhao-Qing Luo)**

- Introduction to ASM Journals Teng Liyan (ASM) (15 min)
- FlowRACS: High-throughput label-free single-cell profiling and sorting of microbiota for *in situ* functions and probiotics. Ethan Yin (eCyte) (15 min)

**3:30-4:00 PM Sino-Micro Discussion:**

Coordinators: Oliver He, Jizhong Zhou, Yi-Wei Tang, Zhao-Qing Luo

**Discussion topics:**

- Future Sino-Micro annual meetings
- What Sino-Micro can do to promote scientific collaboration?
- Status of US-China collaboration on microbiology research.
- How to “restore” active Sino-US collaboration in microbiological research?
- More collaboration between Sino-Micro and ASM
- More topics? Suggestions are welcome and appreciated!

**Contact:**

If you have questions or comments about this event, you can contact Dr. Zhao-Qing Luo ([luoz@purdue.edu](mailto:luoz@purdue.edu)) and Dr. Oliver He ([yongqunh@med.umich.edu](mailto:yongqunh@med.umich.edu)).

# Sino-Micro 2024 Symposium

June 13, 2024, Atlanta, Georgia, USA, in association with [ASM Microbe 2024](#)

## Dinner and Business Session

Time: 6:45 pm – 9 pm (after the Open Session of ASM Microbe), June 13, 2024

Restaurant: Hsu's Gourmet, 192 Peachtree Center Avenue, Atlanta, GA.

<https://www.hsus.com/>. Tel: 404-659-2788.



**Coordinators:** Oliver He, Zhao-Qing, Yi-Wei Tang

### **Agenda (Draft):**

1. Introduction of the board of directors and members of the executive team
2. Association registration report
3. Association membership report
4. Association financial report
5. Voting for new executive team and board members
6. Free discussion:
  - Plan for the 2024 annual meeting in China
  - *mLife* journal updates and collaboration
  - More collaboration between Sino-Micro and ASM
  - How to promote and develop collaborative projects?
  - Status of US-China collaboration on microbiology research.
  - More open discussion topics are expected and welcome.
7. Summary and future actions

### **Notes:**

- More info will be posted to Sino-Micro website: <https://sinomicro.org>.
- Suggestions and comments are welcome!