

# Sino-Micro 2019

## International Symposium of Microbiology on Environment and Health & Annual Meeting of Overseas Chinese Society of Microbiology

2019 国际环境和健康微生物(组)学会议暨海外华人微生物学会年会

July 12-15, 2019, Beijing

Second Circular (第二轮通知)

Overseas Chinese Society of Microbiology (Sino-Micro) and State Key Laboratory of Microbial Resources (SKLMR), Institute of Microbiology, Chinese Academy of Sciences will co-host International Symposium of Microbiology (Microbiome) on Environmental and Health and Annual Meeting of Overseas Chinese Society of Microbiology (Sino-Micro 2019), on July 12-15, 2019 in Beijing. Scientists and practitioners in fundamental, clinical and environmental microbiology are invited to attend the event for communications and global collaborations.

由海外华人微生物学会和中国科学院微生物研究所微生物资源前期开发国家重点实验室联合主办的“2019 国际环境和健康微生物(组)学会议暨海外华人微生物学年会”将于 2019 年 7 月 12-15 日在北京召开。本次会议将是海内外微生物领域专家齐聚一堂的学术盛会，旨在聚焦环境与健康领域国际前沿问题，打造全球交流与合作的新平台。

### **Organizers:**

#### **主办单位:**

Overseas Chinese Society of Microbiology

海外华人微生物学会

State Key Laboratory of Microbial Resources (Institute of Microbiology, Chinese Academy of Sciences)

中国科学院微生物研究所微生物资源前期开发国家重点实验室

### **Co-Organizers:**

#### **协办单位:**

Society of Clinical Microbiology and Infection, China International Exchange and Promotion Association for Medical and Healthcare (CPAM-CMI)

中国医疗保健国际交流促进会临床微生物学与感染学会

Chinese American Association for Clinical Microbiology (CAACM)

美国华人临床微生物协会

Chinese Society for Microbiology (CSM)

中国微生物学会

**Co-Chairs:**

大会主席:

Hua Wang (Sino-Micro)

Shuang-Jiang Liu (IMCAS)

**Advisory Committee:**

指导委员会:

George F. Gao (co-chair), Wenyuan Shi (co-chair), Zixin Deng, Feng Shao, Jianguo Xu, Qijing Zhang, Guoping Zhao, Jizhong Zhou

**Organization Committee:**

组织委员会:

Hua Xiang (chair), Yihua Chen, Yu Fu, Youjun Feng, Ying Huang, Oliver He, Shuang-Jiang Liu, Yi-Wei Tang, Hui Wang, Bian Wu, Xiaolei Wu, Jingren Zhang

**Scientific Committee:**

学术委员会:

Yi-Wei Tang (chair), Casey Chen, Xiuzhu Dong, Yiping Han, Qiang He, Li Huang, Jun Lin, Yahai Luo, Feng Shao, Hua Wang, Hui Wang, Xiaolei Wu, Chuanwu Xi, Hua Xiang, Frank Yang, Ruifu Yang, Jingren Zhang, Lingqi Zhang, Lixin Zhang, Daoguo Zhou, Ningyi Zhou, Jun Zhu

**Language:**

大会语言:

English/Chinese. Speakers can choose English or Chinese for their presentations, but PowerPoint slides should be prepared in English.

**Main Theme:**

大会主题:

Translational research and innovative solutions to public health and environmental challenges.

**Preliminary Agenda:**

初步会议日程:

July 12, Registration. Evening opening ceremony.

July 13-14, Meeting days.

Eight sections in total. Panel discussion in each section.

**Important Dates**

2019-2-1 大会网站开通 Activation of official meeting website

2019-3-1 通过大会网站开始接收摘要, 接收报告或墙报申请 Abstract submission starts

2019-3-1 通过大会网站开始收会议注册费 Early registration available

2019-4-1 所有报告人(含前期邀请报告人)提供报告摘要和个人简介 Invited speakers' deadline for providing abstract and bio

2019-5-15 停止接收口头报告申请, Early-bird Registration 结束  
2019-5-15 开始 Regular Registration  
2019-6-15 墙报报告申请结束, 最终报告人确定  
2019-6-5 大会最后日程确定 Meeting program finalized  
2019-7-12 大会开幕 Meeting opening

**Venue:**

**会议地点:**

UCAS International Conference Center (中国科学院大学国际会议中心)

Add: University of Chinese Academy of Sciences, Yanqi Lake Campus, Huairou District, Beijing

地址: 北京市怀柔区中国科学院大学雁栖湖校区

**Sino-Micro2019 Speakers and Topics (to be updated)**

部分报告人(按姓氏排序, 陆续更新中, 以最终版为准):

- 1) Beile Gao, South China Sea Institute of Oceanology, Chinese Academy of Sciences (CAS), Guangzhou 510301, China, [Email: gaob@scsio.ac.cn](mailto:gaob@scsio.ac.cn) (Recommended by Qijing Zhang)  
**Topic: Novel Players in Campylobacter Signaling Pathways**
- 2) Aidong Han, Ph.D., Department of Biomedical Sciences, School of Life Sciences, Xiamen University, Xiang'an, Xiamen 361102, China, [Email: ahan@xmu.edu.cn](mailto:ahan@xmu.edu.cn)  
**Topic: Signal transduction and antibiotic resistance through two-component systems in bacteria**
- 3) Yiping W. Han, Ph.D. Professor. Department of Microbiology & Immunology, Columbia University Medical Center, 701 W. 168th St. HHSC Room 15-1516, New York, NY 10032, [Email : ywh2102@cumc.columbia.edu](mailto:ywh2102@cumc.columbia.edu)  
**Topic: Mechanism of Fusobacterium nucleatum in colorectal cancer.**
- 4) Qiang He, PhD, Dept. of Civil and Environmental Engineering, The University of Tennessee, Knoxville, TN 37996-2313, USA, [Email: qianghe@utk.edu](mailto:qianghe@utk.edu)  
**Topic: Source tracking of Microbial Contaminants in Streams**
- 5) Chunbo Lou (娄春波), Professor, Institute of Microbiology, CAS Tel: 010-64806105, [Email: louchunbo@im.ac.cn](mailto:louchunbo@im.ac.cn)  
**Topic: Multiple orthogonal channel cell-to-cell communication systems**
- 6) Yi Shi (施一), Professor, Institute Of Microbiology, CAS  
Tel: 010-64806050 [Email: shiyi@im.ac.cn](mailto:shiyi@im.ac.cn)  
**Topic: Influenza virus entry and replication**
- 7) Yi-Wei Tang, MD, PhD, Memorial Sloan Kettering Cancer Center and Weill Medical

College of Cornell University, New York, NY 10065, USA, Email: [tangy@mskcc.org](mailto:tangy@mskcc.org)  
Topic: Promoting translational researches in molecular microbiology

8) Sheng-ce Tao (陶生策), Ph.D., Professor, Vice Dean Shanghai Center for Systems Biomedicine Shanghai Jiao Tong University, Shanghai, China 200240,  
Email: [taosc@sjtu.edu.cn](mailto:taosc@sjtu.edu.cn)  
Topic: Mycobacterium tuberculosis systems biology

9) Linqi Wang (王琳淇), Professor, Institute of Microbiology, CAS Tel: 010-64806184, Email: [wanglq98@hotmail.com](mailto:wanglq98@hotmail.com)  
Topic: Quorum sensing-governed sexual reproduction in eukaryotic pathogen

10) Hua Wang, Ph.D., Departments of Food Science and Technology and Microbiology, The Ohio State University, Columbus, OH 43210, Email: [wang.707@osu.edu](mailto:wang.707@osu.edu)  
Topic: From Scientific Discovery to Paradigm Changes: The Facts and Solutions for Antibiotic Resistance, Gut Microbiota Dysbiosis and Modern Diseases

11) Susan Butler-Wu, Ph.D., D(ABMM), SM(ASCP), Associate Professor of Clinical Pathology, Keck School of Medicine, University of Southern California, Los Angeles, USA, Email: [butlerwu@usc.edu](mailto:butlerwu@usc.edu)  
Topic: MALDI-TOF mass spectrometry in basic and clinical research.

12) Hui Wang MD, PhD, Director and Professor, Department of Clinical Laboratories, Peking University People's Hospital, Beijing, 100044, China, Email: [whuibj@163.com](mailto:whuibj@163.com)  
Topic: Epidemiology and Transmission Mechanism of clinical significant resistant pathogens in China

13) Chuanwu (Wu) Xi, Ph.D., Professor of Environmental Health Sciences and Global Public Health, U-M School of Public Health, Ann Arbor, MI 48109 USA, Email: [cxi@umich.edu](mailto:cxi@umich.edu)  
Topic: Discovery of new approaches for treating biofilm-related infections

14) Hua Xiang (向华), Professor, Institute Of Microbiology, C  
Tel: 010-64807472 Email: [xiangh@im.ac.cn](mailto:xiangh@im.ac.cn)  
Topic: CRISPR editing of environmental prokaryotes and human pathogens

15) XU Jian (徐健), Ph.D, Prof. and Group Lead, Qingdao Institute of BioEnergy and Bioprocess Technology (QIBEBT), Chinese Academy of Sciences, Qingdao, Shangdong, Email: [xujian@qibebt.ac.cn](mailto:xujian@qibebt.ac.cn)  
Topic: A three-hour diagnosis of clinical antimicrobial resistance via Ramanome Technology Platform  
Dissecting Functional Mechanism of Microbiome, one cell at a time  
Bigdata-based rapid disease diagnosis via Microbiome Search Engine

16) 杨亮(YANG Liang), 南方科技大学/医学院, 深圳市南山区学苑大道 1088 号  
Email: [yangl@sustc.edu.cn](mailto:yangl@sustc.edu.cn)

Topic: A re-evaluation of macrolides as quorum sensing inhibitors for biofilm control

17) X. Frank Yang, PhD, Department of Microbiology and Immunology, Indiana University School of Medicine, Indianapolis, IN46202, USA, Email: [xfyang@iu.edu](mailto:xfyang@iu.edu)

Topic: Bacterial stochasticity and persistence infection

18) Jun (Jay) Zhu, Ph.D., Associate Professor of Microbiology, Perelman School of Medicine, University of Pennsylvania, Email: [junzhu@pennmedicine.upenn.edu](mailto:junzhu@pennmedicine.upenn.edu)

Topic: The role of posttranslational modification regulations in pathogen-host-microbiome interactions

19) Daoguo (Joe) Zhou, Ph.D., Purdue University, Department of Biological Sciences, West Lafayette, IN 47907-2054, USA

Topic: The Hunt for Bacterial Virulence Factors and Their Mechanisms of Action

20) Yongqun Zhu (朱永群), Professor, Life Science Institute Zhejiang University, 15968897629/0571-88206122, Email: [zhuyongqun@zju.edu.cn](mailto:zhuyongqun@zju.edu.cn)

Topic: Novel post-translational modifications and host subversion by bacterial pathogens,

21) Cong-Zhao Zhou (周丛照), Professor, University of Science and Technology of China, 13965132806 Email: [zcz@ustc.edu.cn](mailto:zcz@ustc.edu.cn)

Topic: Molecular Ecology and Structure of Freshwater Cyanophage

22) Min Li, MD, Director, Department of Laboratory Medicine, Renji Hospital, School of Medicine, Shanghai Jiaotong University, Shanghai 200127, China, Email, [ruth\\_limin@126.com](mailto:ruth_limin@126.com)

Decreasing MRSA infections in China is attributable to the disappearance of predominant MRSA ST239 clones

23) Fangyou Yu, PhD, Director and Professor, Department of Clinical Laboratory, Shanghai Pulmonary Hospital, Tongji University School of Medicine, Shanghai, 200443, China, Email: [wzjxyfy@163.com](mailto:wzjxyfy@163.com)

The resistance profile of *Mycobacterium tuberculosis* complex to antituberculosis drugs in China and the application of molecular susceptibility test

## Meeting Contacts

### 会议联系:

学术委员会: 汤一苇教授 ([tangy@mskcc.org](mailto:tangy@mskcc.org))

组织委员会: 向华研究员 ([xiangh@im.ac.cn](mailto:xiangh@im.ac.cn))

大会秘书处: 史明欣 ([Sino-Micro2019@im.ac.cn](mailto:Sino-Micro2019@im.ac.cn))