#### Information

国际离子通道大会 (The International Ion Channel Conference, IICC) 是由海内外科学家联合举办的每两年一次的学术会议,旨在为离子通道研究领域的专家、学者和研究人员提供一个国际化、高水平的交流与合作平台,展现国内外最新的研究成果,推动这一领域的快速发展。会议前八届先后在大连(2007)、哈尔滨(2009)、上海(2011)、石家庄(2013)、泸州(2015)、青岛(2017)、杭州(2019)和天津(2021)成功举办,参会人员规模不断扩大,是具有相当国际影响力的一项重要学术盛会。

The International Ion Channel Conference is a biennial academic conference jointly organized by scientists in China and oversea, aiming to provide an international and high-level exchange and cooperation platform for experts, scholars and researchers in the field of ion channel research, to display the latest research results and to promote the development in this research field. The first eight sessions of the conference were successfully held in Dalian (2007), Harbin (2009), Shanghai (2011), Shijiazhuang (2013), Luzhou (2015), Qingdao (2017), Hangzhou (2019) and Tianjin (2021). The scale of participants continues to expand, and it is an important academic event with considerable international influence.

第九届国际离子通道大会将于 2023 年 10 月 13 日-10 月 17 日在南京召开!本次会议将邀请来自多个国家的院士和杰出科学家出席,会议将以大会报告一主旨报告一墙报等形式进行,由多位院士和著名科学家做精彩的专题学术报告。会议主题涵盖了离子通道研究的各个层面,包括生物物理、生理、病理、药理及离子通道药物开发,为各国科学家提供多系统和多层次的交流平台,为国际和国内的科研合作提供良好的交流环境。

The 9<sup>th</sup> International Ion Channel Conference (9<sup>th</sup> IICC) will be held in Nanjing from Oct. 13 to Oct. 17, 2023. Many academicians and outstanding scientists from many countries will attend the conference to give insightful academic lectures. The theme of the conference covers all aspects of ion channel research areas, including biophysics, physiology, pathology, pharmacology and ion channel drug development, providing a multi-level communication platform for scientists from all over the world, and providing an excellent exchange environment for international and domestic scientific research cooperation.

在此,我们诚挚邀请各位同仁莅临参会,并欢迎大家积极投递会议摘要!

Herein, we sincerely invite all colleagues to attend the conference and welcome everyone to actively submit the conference abstract!



### Organization

主办单位: 中国神经科学学会离子通道与受体分会

Sponsor: Ion Channel and Receptor Branch of Chinese Society of

Neuroscience

承办单位:中国药科大学

Organizer: China Pharmaceutical University

学术委员会: Academic Committee Members

Bailong Xiao (Beijing, China)

Baofeng Yang (Harbin, China)

Fan Yang (Hangzhou, China)

Hailin Zhang (Shijiazhuang, China)

Hailong An (Tianjin, China)

Haoxin Xu (Hangzhou, China)

Jian Yang (USA)

Jianhong Luo (Hangzhou, China)

Jianmin Cui (USA)

Jie Zheng (USA)

Jing Yao (Wuhan, China)

Juan Du (USA)

Kewei Wang (Qingdao, China)

Linhua Jiang (Xinxiang, China)

Luyang Wang (Canada)

Michael X. Zhu (USA)

Ming Lei (Manchester, UK)

Ming Zhou (USA)

Shawn Xu (USA)

Tianle Xu (Shanghai, China)

Wei Yang (Hangzhou, China)

Weifang Rong (Shanghai, China)

Xiaoqiang Yao (Hong Kong, China)

Xiaorong Zeng (Luzhou, China)

Ye Yu (Nanjing, China)

Yong Li (Shanghai, China)

Youxing Jiang (USA)

Zhaozhu Qiu (USA)

Zhengyu Cao (Nanjing, China)

### 组织委员会 (Organization Committee)

Chairs in China: Zhengyu Cao, Ph.D. & Ye Yu, Ph.D.

Chairs Oversea: Juan Du, Ph.D. & Zhaozhu Qiu, Ph.D.

组委会成员 (Committee Members, In an alphabetical order)

Bailong Xiao (Beijing, China)

Juan Du (USA)

Fan Yang (Hangzhou, China)

Hailong An (Tianjin, China)

Jian Yang (USA)

Jianmin Cui (USA)

Jie Zheng (USA)

Luyang Wang (Canada)

Michael X. Zhu (USA)

Ming Zhou (USA)

Tianle Xu (Shanghai, China)

Wei Yang (Hangzhou, China)

Ye Yu (Nanjing, China)

Youxing Jiang (USA)

Jing Yao (Wuhan, China) Kewei Wang (Qingdao, China) Linhua Jiang (Xinxiang, China) Zhaozhu Qiu (USA) Zhengyu Cao (Nanjing, China)

# 主讲嘉宾(按名字首字母排序,持续更新中)

Speakers (In an alphabetical order, continuously updated)

Speaker Name	Institution		
Richard Tsien (keynote)	Department of Neuroscience and Physiology, NYU Grossman School of Medicine		
Yuh Nung Jan (keynote)	Department of Physiology, University of California San Francisco		
Lily Jan (keynote)	Department of Physiology, University of California San Francisco		
Nieng Yan (keynote)	Shenzhen Medical Academy of Research and Translation		
Zhuan Zhou (keynote)	Peking University		
Haoxin Xu (keynote)	Zhejiang University		
Bailong Xiao (keynote)	Tsinghua University		
Alexander Sobolevsky	Department of Biochemistry and Molecular Biophysics, Columbia University		
Anna Moroni	Department of Biosciences, University of Milan		
Bimal Desai	Department of Pharmacology, University of Virginia School of Medicine		
Byung Chang Suh	Department of Brain & Cognitive Sciences, Daegu Gyeongbuk Institute of Science and Technology		
Chia-Hsueh Lee	Department of Structural Biology, St Jude Children's Hospital		
Crina Nimigean	Department of Physiology and Biophysics, Weill Cornell		
Fan Yang	Zhejiang University		
Gerald Zamponi	Department of Physiology and Pharmacology, University of Calgary		
Han Sun	Department of Structural Chemistry and Computational Biophysics, Leibniz-Forschungsinstitut für Molekulare Pharmakologie		

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Henry Colecraft	Department of Physiology and Cellular Biophysics, Columbia University		
Hsiang-Chun Lee	Kaohsiung Medical University		
Huanghe Yang	Department of Biochemistry, Duke University School of Medicine		
Huaiyu Yang	East China Normal University		
Ingo Greger	MRC Laboratory of Molecular Biology		
Ji Sun	Department of Structural Biology, St. Jude Children's Research Hospital		
Jian Yang	Columbia University, School of Biological Sciences		
Jianhan Chen	Department of Chemistry and Biochemistry & Molecular Biology, University of Massachusetts, Amherst		
Jianmin Cui	Department of Biomedical Engineering, Washington University in St. Louis		
Jianping Wu	Westlake University		
Jie Zheng	Department of Physiology & Membrane Biology, School of Medicine, University of California, Davis		
Jon Sack	Department of Physiology & Membrane Biology, School of Medicine, University of California, Davis		
Kenton Swartz	Molecular Physiology & Biophysics Section, National Institute of		
Kewei Wang Qingdao University			
Laszlo Csanady	Hungarian Center of Excellence for Molecular Medicine,		
Lei Chen	Peking University		
Luyang Wang	Department of Physiology, University of Toronto		
Makoto			
Tominaga	Sciences (NIPS)		
Michael Pusch	Istituto di Biofisica, Consiglio Nazionale delle Ricerche		
Michael Zhu	Department of Integrative Biology and Pharmacology, UT Health Houston, McGovern Medical School		
Ming Zhou	Department of Biochemistry and Molecular Biology, Baylor College of Medicine		
Motoyuki Hattori	School of Life Sciences, Fudan University		
Ren Lai	The Kunming Institute of Zoology		
Ruotian Jiang	Sichuan University		
Sharona Gordon	Department of Physiology and Biophysics, University of		
Shilong Yang	College of Wildlife Resources, Northeast Forestry University		
Shiqing Cai	CAS Center for Excellence in Brain Science and Intelligence Technology		
Shujia Zhu	CAS Center for Excellence in Brain Science and Intelligence Technology		
Simon	Department of Physiology and Biophysics in Anesthesiology,		
Scheuring	Weill Cornell Medical College		
Sudha	Department of Physiology and Biophysics, Case Western Reverse		
Chakrapani	University		

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Sulan Luo	Hainan University	
Tingting Yang	Department of Ophthalmology, Columbia University	
Wei Lü	Department of Structural Biology, Van Andel Institute	
Wei Yang	Zhejiang University	
William Zagotta	Department of Physiology and Biophysics, University of Washington	
Xiaoliang Wang	Institute of Materia Medica, Chinese Academy of Medical Sciences & Peking Union Medical College	
Xiaoqiang Yao	The Chinese University of Hongkong	
Yasuo Mori	Department of Synthetic Chemistry and Biological Chemistry, Kyoto University	
Yasushi Okamura	Department of Physiology, Osaka University	
Yong Yang	Hospital for Skin Diseases, Institute of Dermatology, Chinese Academy of Medical Sciences & Peking Union Medical College	
Yoshihiro Kubo	Division of Biophysics and Neurobiology, National Institute for Physiological Sciences, Japan	
Youxing Jiang	Department of Physiology, The University of Texas Southwester	
Yulong Li	Peking University	
Zhaobing Gao	University of Chinese Academy of Sciences	
Zheng Ruan	Department of Structural Biology, Van Andel Institute	
Zhiqiang Yan	Shenzhen Bay Laboratory	
Zhonghua Liu	Hunan Normal University	

## **Program**

会议地点:南京国际会议大酒店(南京市玄武区中山陵四方城2号)

**Venue:** Nanjing International Conference Hotel (No. 2, Sifang City, Zhongshan Mausoleum, Xuanwu District, Nanjing, Jiangsu)

**会议时间**: 2023 年 10 月 13 日-17 日 (13 日报到)

Conference time: October 13-17, 2023 (Registration on Oct. 13)

# 会议日程 (Conference Schedule):

Time	Events	Location	
10/13 (2:00 pm - )	报到 (Registration)	南京国际会议大酒店 (Nanjing International Conference Hotel)	
10/14 (8:00 - 12:00 am)	学术报告 (Scientific Session)	和平厅 (Peace Hall)	
10/14 (1:30 - 6:00 pm)	学术报告 (Scientific	和平厅 (Peace Hall)	

	Session)	
10/15 (8:00 - 12:00 am)	学术报告 (Scientific Session)	和平厅 (Peace Hall)
10/15 (1:30 - 6:00 pm)	待定 (TBD)	
10/16 (8:00 - 12:00 am)	学术报告 (Scientific Session)	和平厅 (Peace Hall)
10/16 (1:30 - 6:00 pm)	学术报告 (Scientific Session)	和平厅 (Peace Hall)
10/17 (8:00-12:00 am)	学术报告 (Scientific Session)	和平厅 (Peace Hall)
10/17 (1:30 - 6:00 pm)	离会 (Leave)	

#### **Abstract**

本次会议诚挚向各位参会代表征集摘要,在9月15号之前提交的经审稿后录用的摘要,将有机会做口头报告。为给参会者提供充分交流最新研究成果的机会,会议也设置墙报展示。墙报制作要求0.9 m(宽) X 1.5 m (高),墙报请自行打印并带至现场,会后请自行取走。

All the attendees are encouraged to submit abstracts. Abstracts submitted by September 1 and accepted after review will have the opportunity to give oral presentations. In order to provide participants with the opportunity to fully exchange the latest research results, we will also set up poster displays. The poster size should be 0.9 m (width) X 1.5 m (height). Please print the poster and bring it to the site.

摘要提交截止: 2023 年 09 月 15 日

Abstract Submission Deadline: Sep. 15, 2023

摘要提交流程: Registration- Login-User Center-Add/Modify Abstract

摘要格式要求: 见附件

## **Hotel & Transportation**

住宿 (Hotel)

住宿酒店:南京国际会议大酒店(江苏省南京市玄武区中山陵四方城2号)

Accommodation: Nanjing International Conference Hotel (No. 2, Zhongshan Mausoleum, Sifang City, Xuanwu District, Nanjing, Jiangsu Province) 预订方式:



- 1、微信识别上方二维码,关注"南京国际会议大酒店"公众号,自动跳出"第九届国际离子通道大会"订房链接;
- 2、点击链接进入预订通道,选择入住日期和离店日期(默认住宿日期是10/13-10/17)和房型即可预订房间;
- 3、房费在线支付(微信)不作退款。咨询电话: 025-84430888 转营销部倪志成经理;
- 4、收费标准: 丽景标间 450 元/间(单早)、紫金楼双床/大床 490 元/间(单早)、 钟山楼标间 650 元/间(双早);
- 5、会务组预留房间数量有限,请各位代表提前安排住宿。

For participants from outside of the mainland of China, please contact the meeting organization committee@ zhangfan@cpu.edu.cn to reserve the hotel room. Accommodation for this conference is at your own expense. Charges are as follows:

	Two beds	Two beds	One king bed	Suites
	(Regency Building)	Zijin Building	(Bell Hill Tower)	Guilde
Price	65-70 USD /room (w/ breakfasts)	70-75 USD /room (w/ breakfasts)	85-90 USD /room (w/ breakfasts)	215 USD/room (w/breakfasts)

**餐饮**:会议期间用餐由会务组统一安排,如在餐饮方面有特殊要求,请您事先与 会务组联系。

**Catering**: Meals during the conference are arranged by the conference affair team. If you have special requirements, please contact the conference affair team in advance.

交通: 本次会议交通自理,您可选择以下方式到达会议地点:

**Transportation:** The conference is at your own expense and you can choose the following methods to reach the meeting location:

- (A) 乘坐飞机到**南京禄口机场**,然后乘坐出租车到**南京国际会议大酒店**,距离约45公里,时间约50分钟,车费约150-250元。
- (A) Take a flight to **Nanjing Lukou Airport (NKG)**, then take a taxi to Nanjing International Convention Hotel, the distance is about 45 km, the time is about 50 minutes and the fare is about 150–250 RMB (about 20-35 USD).
- (B) 乘坐高铁/动车到南京站/南京南站
- (B) Take the high-speed train/bullet train to Nanjing Railway Station/Nanjing South Railway Station

到达**南京站**后可乘坐出租车到**南京国际会议大酒店**,距离约 10 公里,时间约 22 分钟,车费约 35-60 元。

After arriving at **Nanjing Railway Station**, you can take a taxi to Nanjing International Convention Hotel, which is about 10 kilometers, takes about 22 minutes, and costs about 35-60 RMB (about 5-10 USD).

到达**南京南站**后可乘坐出租车到**南京国际会议大酒店**,距离约 18 公里,时间约 32 分钟,车费约 45-80 元。

After arriving at **Nanjing South Railway Station**, you can take a taxi to Nanjing International Conference Hotel, which is about 18 kilometers, takes about 32 minutes, and costs about 45-80 RMB (about 7-12 USD).

### **Payment**

### 注册方式 (Registration Instructions):

线上注册/到会注册 (Online Registration/Onsite Registration)

### 注册费用 (Registration fee):

参会类别 Category	早期注册 Early Registration (Before Aug. 31)	晚期注册 Late Registration (After Sep. 1)	到会注册 Onsite Registration
教职员工 Faculty	RMB 2000/USD 300	RMB 2200/USD 350	RMB 2500/USD 400
学生 Student	RMB 1000/USD 150	RMB 1200/ USD 200	RMB 1500/ USD 250
企业人员 Industry	RMB 2500/USD 350	RMB 2700/USD 400	RMB 3000/USD 450

注:中国神经科学会会员可享受 200 元/人的优惠。现场注册请出示学生证。博士后、住院医师、实验室技术员不属于学生范畴。注册费发票默认电子发票,若需纸质发票请备注。本次会议由中国神经科学学会收款并开具发票,注册交费时填写发票信息,会后一个月内开具。

#### 取消参会 (Cancellation of Participation):

会议召开前1个月取消参会,退100%注册费;会议召开前2周取消参会,退50%会议注册费;会议召开前取消参会,不退注册费。

If you cancel your participation 1 month before the meeting, we will refund 100% of the registration fee. If you cancel the participation 2 weeks before the conference, we will only refund 50% of the conference registration fee. If you cancel your participation right before the meeting, there is no refund.

#### 联系方式 (Contact Information)

会议注册 (Registration):

李超 (Chao Li), +86-21-64081037, lichao@cns.org.cn

酒店预定 (Hotel Booking):

张凡 (Fan Zhang), +86-15298375292, zhangfan@cpu.edu.cn

摘要墙报 (Abstract and Poster):

赵芳 (Fang Zhao), +86-15365018551; zhaofang0927@cpu.edu.cn

会议赞助 (Sponsorship):

王雨晶 (Yujing Wang), +86-15295793055; wangyujing0705@126.com

会议会务 (Conference affairs):

汪津 (Jin Wang), +86-13301707257; wangjin@cpu.edu.cn

中国神经科学学会离子通道与爱体分会

2023年6月10日