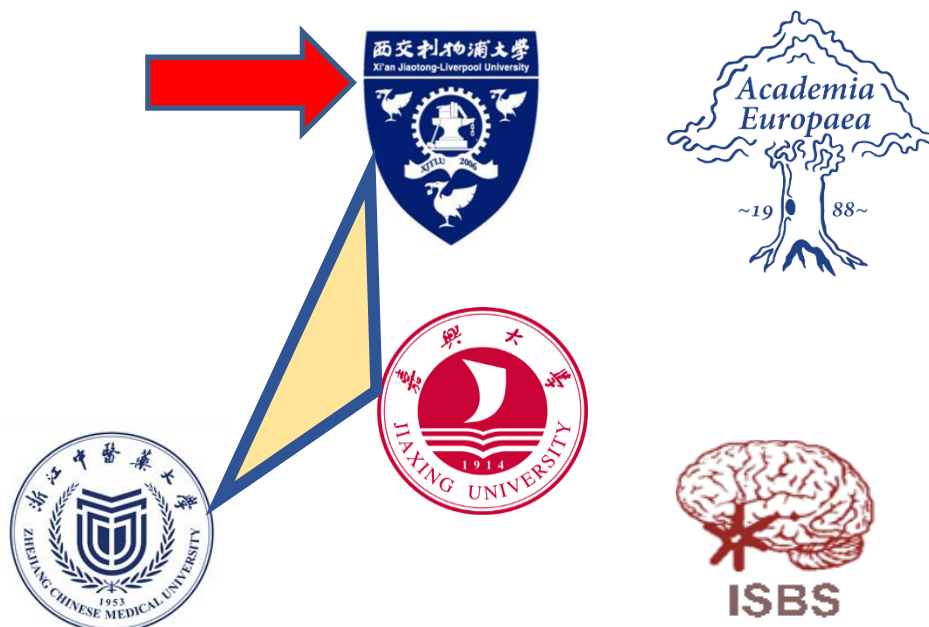


20-23 September 2025
Suzhou, China

The 2nd Triangle Neuroscience Conference-2025

Endorsed by Academia Europaea
Promoted by the International Stress and Behavior Society





Sponsored by:

EVIDENT

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Welcome Address

Dear colleagues,

Following the success of the very first Triangle Neuroscience Conference hosted in 2024, we invite you to join our second Triangle Neuroscience 2025 event, to be held in Suzhou, China this year.

This meeting is the product of a fruitful continued collaboration of three esteemed Universities - Xi'an Jiaotong-Liverpool University (XJTLU), Jiaxing University (JXU), and Zhejiang Chinese Medical University (ZCMU). Also supported by the International Stress and Behavior Society (ISBS), the meeting will provide a platform for researchers, clinicians, and industry professionals to come together and share their insights and experiences in all aspects of modern neuroscience.

We are delighted to welcome your participation in the conference, and hope that you will take this opportunity to network, learn, and contribute to the advancement of neuroscience.

Looking forward to welcoming you in September in Suzhou – historically, one of China's most beautiful ancient cities.

Cordially,

Allan V. KALUEFF
XJTLU Co-Chair

Vladimir PARPURA
ZCMU Co-Chair

Alexey SEMYANOV
JXU Co-Chair



The meeting:

The Triangle Neuroscience Conference is organized jointly by three Universities: XJTU, ZCMU and JXU.

Dates and venues:

The meeting will be held in Suzhou, China, from September 20 to 23, 2025 (hosted by XJTU).

The Symposium will be a pre-convention event for the Chinese Neuroscience Society CNS-2025 meeting in Xi'an (September 25-28, 2025).

Co-Chairs:

Allan KALUEFF (XJTU), LOC Chair
Vladimir PARPURA (ZCMU)
Alexey SEMYANOV (JXU)

Main Topics:

- Molecular neuroscience
- Neurochemistry
- Neuron-glia interactions
- Neurophysiology
- Neuroimmunology
- Neuropharmacology
- Neurotoxicology
- Neurogenetics
- Neuroinformatics
- Translational topics in neuroscience



PROGRAM AT GLANCE

September 19, 2025 (pre-event day)

Arrival in Suzhou

14.00-19.00 Meet-and-Greet at XJTLU Conference Center Hotel Lobby

Day 1, September 20, 2025, XJTLU (Suzhou)

9:00-17.00 Conference registration, XJTLU Conference Hall

9:00-9:20 Welcome remarks: Allan V. KALUEFF, LOC Chair, XJTLU
John MORAROS, Dean, School of Science, XJTLU

9:20-10.00 Plenary lecture: GLIA AND THE PATHOPHYSIOLOGY OF CNS WHITE MATTER ISCHEMIC INJURY. Bruce R. RANSOM, Gerald Choa Neuroscience Institute, Chinese University of Hong Kong, Hong Kong, China

10:00-10:20 *Coffee break*

10:20-12:30 GLIA NEUROSCIENCE SYMPOSIUM I (moderators: Alexey SEMYANOV, Jiaxing University and Vladimir PARPURA, Zhejiang Chinese Medical University)

10:20-10:45 LYSOPHOSPHATIDIC ACID (LPA) SIGNALING IN CNS MYELINATION AND MYELIN REPAIR, Babette FUSS, Department of Neuroscience and Anatomy, School of Medicine, Virginia Commonwealth University, Richmond, USA

10:45-11:10 GABA SIGNALLING IN NG2 GLIA: REGULATING EMOTIONAL RESPONSES. Xiaoping TONG, Shanghai Jiao Tong University, Shanghai, China

11:10-11:35 AMYLOID PRECURSOR PROTEIN INDUCES REACTIVE ASTROGLIOSIS. Gretschen VELEZMORO JÁUREGUI, International Translational Neuroscience Research Institute, Zhejiang Chinese Medical University, Hangzhou, China

11:35-12:00 SEPTO-SUBICULAR CHOLINERGIC CIRCUIT PROMOTES SEIZURE DEVELOPMENT VIA ASTROCYTIC INFLAMMATION. Yi WANG, Zhejiang Key Laboratory of Neuropsychopharmacology, School of Pharmaceutical Sciences, Zhejiang Chinese Medical University, Hangzhou, China

12:00-12:25 SHADOW IMAGING OF BRAIN TISSUE IN A MOUSE MODEL OF ALZHEIMER DISEASE. Yulia DEMBITSKAYA, Department of Anatomy and Cell Biology, University Medical Center, Göttingen, Germany

12:30-13:30 *Lunch break*



- 13:30-14:20 GLIA NEUROSCIENCE SYMPOSIUM II** (moderators: Alexey SEMYANOV and Vladimir PARPURA)
- 13:30-14:10** Plenary lecture II: MICROGLIAL CA²⁺ ACTIVITY AS SIGNAL MEDIATORS IN HEALTH AND DISEASE, Helmut KETTENMANN, Shenzhen University of Advanced Technology Shenzhen, China; and Max-Delbrück Center for Molecular Medicine, Berlin, Germany
- 14:10-14:20** CONCLUDING REMARKS ON GLIA NEUROSCIENCE SYMPOSIA
- 14:20-15.00** Campus mini-tour
- 18:00-20.00** Conference Dinner

Day 2, September 21, 2025, XJTLU (Suzhou)

- 9:00-17.00** Conference registration, XJTLU Conference Center Hotel Lobby
- 9:30-10.10** Plenary lecture: DEVELOPING ZEBRAFISH MODELS OF CNS DISORDERS: FROM MOLECULES TO COMPLEX BEHAVIORAL SYNDROMES. Allan V. KALUEFF, Xi'an Jiaotong-Liverpool University, Suzhou, China
- 10:10-10:30** Coffee break
- 10:30-12:30 ISBS NEUROPHARMACOLOGY AND BIOLOGICAL PSYCHIATRY SYMPOSIUM** (moderators: Allan V. KALUEFF and Lee Wei LIM, XJTLU)
- 10:30-11:00** DEEP BRAIN STIMULATION AND MODELING BRAIN DISORDERS. Lee Wei LIM, Xi'an Jiaotong-Liverpool University, Suzhou, China
- 11:00-11:30** FRONTIERS IN PSYCHONEUROIMMUNOLOGY: LESSONS FROM BRIAN LEONARD. Cai SONG, BGI, Shenzhen, China
- 11:30-11:45** MODELING CHRONIC STRESS IN ZEBRAFISH. Jiahao CUI, Xi'an Jiaotong-Liverpool University, Suzhou, China
- 11:45-12:00** MODULATING MICROGLIA IN ZEBRAFISH MODELS: ROLE FOR MINOCYCLINE. Longen YANG, Xi'an Jiaotong-Liverpool University, Suzhou, China
- 12:00-12:15** TOWARDS NOVEL EXPERIMENTAL MODELS OF MIGRAINE. Yufei BAI, Xi'an Jiaotong-Liverpool University, Suzhou, China
- 12:15-12:30** MODELING CNS DISORDERS USING AI TOOLS. Shulei HE, Xi'an Jiaotong-Liverpool University, Suzhou, China
- 12.30-12:45** BRAIN AGING IN ZEBRAFISH. Xuesong XIE, Xi'an Jiaotong-Liverpool University, Suzhou, China



12:45-14:00 *Lunch break*

14:00-19:00 **Bus Guided Tour to Suzhou (tickets required)**

Day 3, September 22, 2025, XJTLU (Suzhou)

9:00-17:00 Symposium registration, XJTLU Conference Hall

9:30-10:10 Plenary lecture: ROLES OF HISTAMINE RECEPTORS IN THE BRAIN. Zhong CHEN, Zhejiang Key Laboratory of Neuropsychopharmacology, School of Pharmaceutical Sciences, Zhejiang Chinese Medical University, Hangzhou, China

10:10-10:25 *Coffee break*

10:25-12:30 BASIC AND TRANSLATIONAL NEUROSCIENCE SYMPOSIUM I (moderators: Vedrana MONTANA, Zhejiang Chinese Medical University and Alexey SEMYANOV, Jiaying University)

10:25-10:50 CROSS-TALK BETWEEN DIFFERENT CELL POPULATIONS IN MYELIN REPAIR: SPHINGOLIPIDS CONDUCT THE ORCHESTRA. Alessandro PRINETTI, Department of Medical Biotechnology and Translational Medicine, University of Milan, Milan, Italy

10:50-11:15 NEW INSIGHTS ON THE NEUROBIOLOGICAL FUNCTIONS OF D-SERINE IN HEALTH AND DISEASE. Jean-Pierre MOTHET, Laboratory Lumière, University of Paris-Saclay, Gif-sur-Yvette, France

11:15-11:40 FUNCTIONALIZED CARBON NANOTUBES AS A NOVEL MODULATOR OF ASTROCYTE FUNCTION IN AN IN VITRO MODEL OF TRAUMATIC BRAIN INJURY. Kristina PILIPOVIĆ, Department of Basic and Clinical Pharmacology and Toxicology, School of Medicine, University of Rijeka, Rijeka, Croatia

11:40-12:05 AQP4EX IN THE CONTROL OF BRAIN FLUID BALANCE, GLYMPHATIC CLEARANCE, AND TUMOR-INDUCED EDEMA. Antonio FRIGERI, Department of Translational Biomedicine and Neuroscience School of Medicine, University of Bari, Bari, Italy

12:05-12:30 LONG-TERM REPEATED INTRATHECAL INFUSION OF B7-H3 TARGETED CAR-T CELLS IN BETWEEN TEMOZOLOMIDE CYCLES FOR RECURRENT GLIOBLASTOMA: A PHASE 1 CLINICAL TRIAL. Chongran SUN, Department of Neurosurgery, Second Affiliated Hospital Zhejiang University School of Medicine, Hangzhou, China

12:30-13:40 *Lunch break*



- 13:40-15:10 BASIC AND TRANSLATIONAL NEUROSCIENCE SYMPOSIUM II** (moderators: Vedrana MONTANA and Vladimir PARPURA, Zhejiang Chinese Medical University)
- 13:40-14:05** ADVANCING NEUROSCIENCE RESEARCH WITH EVIDENT CONFOCAL MICROSCOPY. Luyao LI, Evident, Hangzhou, China
- 14:05-14:30** ASTROCYTIC CONTROL OF FEAR CONSOLIDATION AND EXTINCTION. Yulan LI, Department of Physiology, School of Basic Medical Science, Zhejiang Chinese Medical University, Hangzhou, China
- 14:30-14:55** EXTRACELLULAR ATP AND P2X7 RECEPTOR AS MAIN DRIVERS OF NEUROINFLAMMATION IN ALZHEIMER'S DISEASE. Nikita ARNST, International Translational Neuroscience Research Institute, Zhejiang Chinese Medical University, Hangzhou, China
- 14:55-15:10** GENERAL DISCUSSION
- 15:10-15:30** CONFERENCE CONCLUDING REMARKS AND MEETING ADJOURNMENT

Day 4, September 23, 2025, XJTU (Suzhou)

Departure from Suzhou

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