



Jiaxing University



Zhejiang Chinese Medical University



Academia Europaea

The brain active milieu in norm and pathology 2026



Jiaxing · China

30 Mar - 2 April 2026



» Welcome Address «

Dear colleagues,

Welcome to the International Meeting, The Brain Active Milieu in Norm and Pathology 2026, co-organised by Jiaxing University and Zhejiang Chinese Medical University, and held in Jiaxing, China, from 30 March to 2 April 2026. It is our great pleasure to welcome all speakers, colleagues, students, and guests to this meeting. We are delighted to bring together leading researchers from different areas of neuroscience to discuss the brain active milieu in both health and disease. This topic reflects a growing recognition that brain function cannot be understood by studying neurons alone, but instead requires an integrated view of the dynamic interactions between neurons, astrocytes, microglia, vasculature, extracellular matrix, and metabolic environment.

Our goal in organizing this meeting is to create a stimulating and friendly forum for scientific exchange. Over the next few days, we hope the programme will inspire new ideas, encourage lively discussion, and promote collaborations across disciplines, methods, and countries. The broad range of lectures, from fundamental cellular mechanisms to advanced imaging, disease models, and translational perspectives, highlights both the complexity of the field and the exciting opportunities that lie ahead.

We are especially pleased to host this event at Jiaxing University and to welcome many distinguished international and Chinese scientists to our campus. We hope that, beyond the formal sessions, you will enjoy the opportunity to meet new colleagues, strengthen existing collaborations, and share your vision for the future of neuroscience.

Thank you all for joining us and for contributing to the scientific spirit of this meeting. We wish you a productive, enjoyable, and memorable time in Jiaxing.

Alexey Semyanov
Vladimir Parpura
Organisers

sponsors ▾

RWD | 瑞沃德

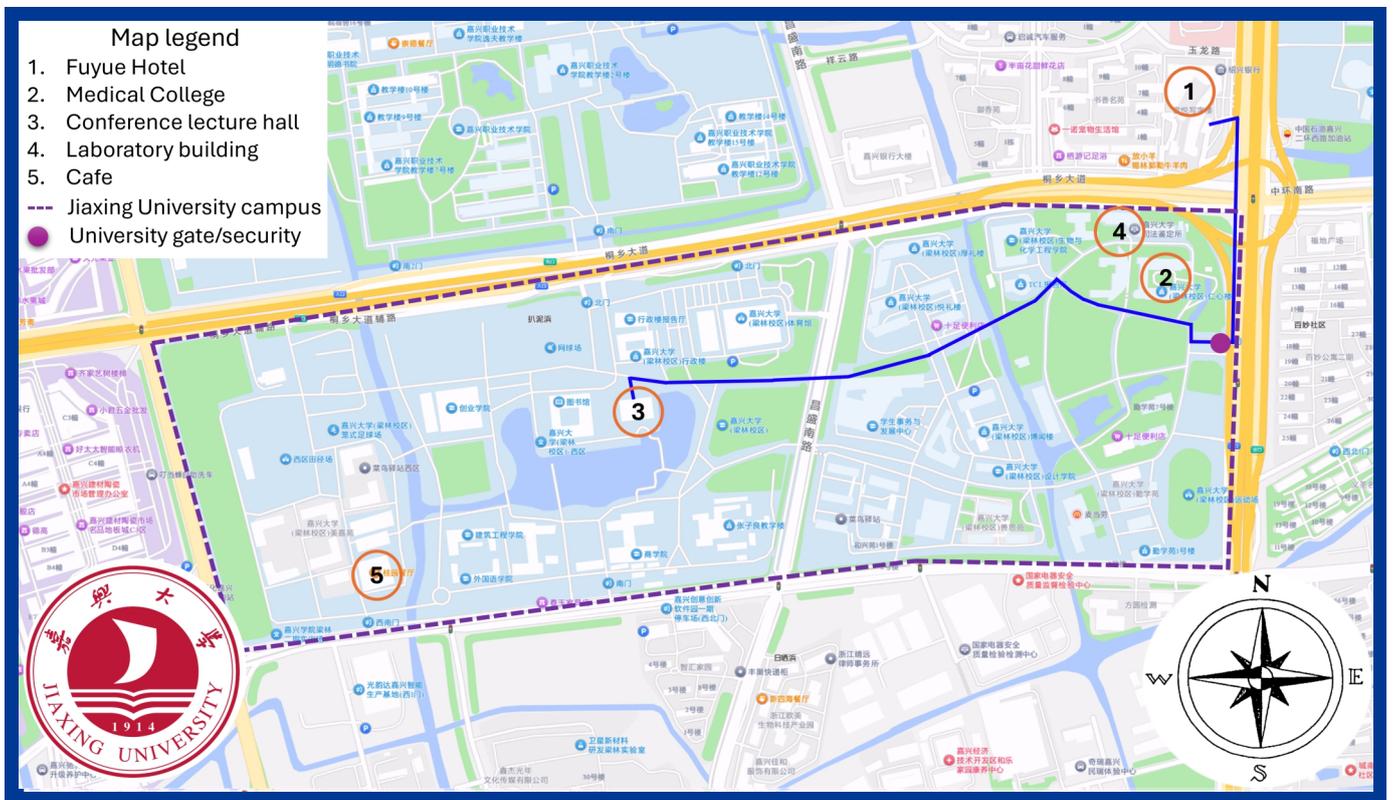
Vibronix
振电科技
HORIBA

联川生物

EVIDENT



Jiaxing University Campus Map



» Programme «

30 March 2026 The day of arrival, The campus and lab visits, The Welcome dinner			
31 March 2026			
Time	Topic	Speaker	Chair
9:00–9:30	Opening ceremony		Alexey Semyanov
9:30–10:30	Plenary lecture Non-human primate models for biomedical research	Mu Ming Poo	
10:30–10:55	Coffee break		
10:55–11:25	Glutamate spillover is widespread in the brain and may help associative memory retrieval	Dmitri Rusakov	Alexey Semyanov
11:25–11:55	Id1 and Id3 Sustain the Unique Laminar Specialization of Adult Layer 1 Astrocytes	Yu-Wei Wu	
11:55–12:25	Nanoscale imaging of living brain tissue	Valentin Nagerl	
12:25–12:55	The new route and driving mechanisms of cerebrospinal fluid flow to peripheral organs	Baoman Li	
13:00–14:20	Lunch		



Time	Topic	Speaker	Chair
14:30–15:00	Spying on Neuromodulator Dynamics In Vivo by Constructing Multi-Color GRAB Sensors	Yulong Li	Dmitri Rusakov
15:00–15:30	Impact of metabolic microenvironment on normal and cancerous astrocytes	Vedrana Montana	
15:30–16:00	Vesicular glutamate release from malignant astrocytes	Vladimir Parpura	
16:00–16:25	Coffee break		
16:25–16:55	KRM-11-81: Preclinical Development of a Next-Generation GABAA Potentiator for the Treatment of Epilepsy	Rok Cerne	Dmitri Rusakov
16:55–17:25	Application of High-Spatial-Resolution Multi-Omics on Neurological Diseases	Feiran Han (LC Bio)	
18:00	Dinner		



1 April 2026

Time	Topic	Speaker	Chair
9:00–10:00	Plenary lecture A bottom–up approach to understanding the claustrum	George Augustine	Vladimir Parpura
10:00–10:30	The next–generation multi–photon microscopy enables deeper discoveries in neuroscience	Xu Hao (Evident)	
10:30–10:55	Coffee break		
10:55–11:25	The link between astrocyte morphology and subcellular calcium dynamics	Alexey Semyanov	Vladimir Parpura
11:25–11:55	Distribution and functional significance of rodent cerebellar glycogen	Hajime Hirase	
11:55–12:25	Clonidine, an $\alpha 2$ –AR agonist, exerts neuroprotective effects against cerebral ischemia by inhibiting the TLR4/MyD88/NF– κ B signaling pathway in microglia (in Chinese, with an on Screen translation in English)	Zhi He	
12:25–12:55	Cooling the Flames: Serotonergic Control of Astrocyte Physiology	Franziska Müller	
13:00–14:20	Lunch		



Time	Topic	Speaker	Chair
14:30–15:00	Miniature Multi–photon Microscopy Advancing In Vivo Brain Imaging	Chunzhu Zhao	Robert Zorec
15:00–15:30	Activity–dependent astrocytic glycine release limits synaptic potentiation in the hippocampus	Christian Henneberger	
15:30–16:00	Mechanisms underlying short–term synaptic plasticity and neurotransmitter release kinetics at single synapses	Kirill Volynsky	
16:00–16:25	Coffee break		
16:25–16:55	Adrenergic Regulation of Astrocytes in Health and Neurodegeneration: Searching for new GPCR targets	Robert Zorec	Robert Zorec
16:55–17:25	Applications of coherent Raman microscopy in Life Sciences	Wang Pu (Horiba)	
18:00	Dinner		

2 April 2026
Scientific discussion on a trip to Yanguan Ancient Town (Haining) and tidal wave



