

# MBI – MPG Conference 2025: Mechanobiology in Time and Space

Join us to discover how the spatiotemporal aspects of mechanobiology drive cell behaviour and influence development, health, and disease

**9th - 12th September 2025**

Shaw Foundation Alumni House, National University of Singapore

## Topics

Cellular Mechanotransduction

Membrane Biophysics

Mechanical Memory

Mechanics of Aging

Imaging and Computational Modeling

Cancer, Immunology, and Regeneration

## Invited Speakers

**Alexander Bershadsky**  
Mechanobiology Institute - NUS, Singapore

**Elizabeth Chen**  
The University of Texas South Western, USA

**Tamal Das**  
Tata Institute of  
Fundamental Research-Hyderabad, India

**Artem Efremov**  
Shenzhen Bay Laboratory, China

**Catherine G. Galbraith**  
Oregon Health and Science University, USA

**Frank Jülicher**  
Max Planck Institute  
for the Physics of Complex Systems, Germany

**Pakorn (Tony) Kanchanawong**  
Mechanobiology Institute - NUS, Singapore

**Mineko Kengaku**  
Kyoto University, Japan

**Tobias Langenhan**  
University of Leipzig, Germany

**Irina V. Larina**  
Baylor College of Medicine, USA

**Rong Li**  
Mechanobiology Institute - NUS, Singapore

**Keng-Hui Lin**  
Academia Sinica, Taiwan

**Yanjun Liu**  
Fudan University, China

**John Marko**  
Northwestern University, USA

**Boris Martinac**  
Victor Chang Cardiac Research Institute,  
Australia

**Alphée Tristan Michelot**  
Mechanobiology Institute - NUS, Singapore

**Carl Modes**  
Max Planck Institute of  
Molecular Cell Biology and Genetics, Germany

**Hiroyuki Noji**  
The University of Tokyo, Japan

**Eugenia Piddini**  
University of Bristol, UK

**Richa Rikhy**  
Indian Institute of Science Education  
and Research (IISER-Pune), India

**Aurelien Roux**  
University of Geneva, Switzerland

**Joachim Spatz**  
Max Planck Institute for  
Medical Research, Germany

**Danijela Vignjevic**  
Institut Curie, France

**Peter Yingxiao Wang**  
University of Southern California, USA

**Mel White**  
The University of Queensland, Australia



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**Organizing  
Committee**

**MBI**  
MECHANOBIOLOGY INSTITUTE  
National University of Singapore

**MAX PLANCK**  
GESELLSCHAFT

Yan Jie Chii Jou Chan Andrew William Holle Tsuyoshi Hirashima

Stefan Grill

Joachim Rädler

E. Ada Cavalcanti-Adam

Contact: [mbi-conference@nus.edu.sg](mailto:mbi-conference@nus.edu.sg)

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