

# LLPS Symposium 2025



**Date: November 1<sup>st</sup> (Saturday)**

Place: Ritsumeikan University, Biwako-Kusatsu Campus (BKC),  
RITSUMEIKAN UNIVERSITY ROHM PLAZA 5F Hall

**Registration site URL:** <https://forms.gle/XiWsgc1NNQ7vFvSMA>

**The venue will open at 12:00**

**12:30~13:10 (Opening remarks & Talk 1)**

**Ryo Kitahara** (Ritsumeikan University)

ATP as a key modulator of fused-in-sarcoma phase separation and aggregation

**13:10~14:10 (Invited talk 1)**

**Laurent Guillaud** (Okinawa Institute of Science and Technology)

ATP-dependent viscoadaptation and protein aggregation during neurodegeneration and aging

**Break**

**14:20~15:20 (Invited talk 2)**

**Erika Fukuhara** (Okinawa Institute of Science and Technology)

Enzymatic Condensates as self-regulating systems for metabolic efficiency

**15:20~16:00 (Talk 2)**

**Eri Chatani** (Kobe University)

Optical trapping as a new approach to the formation, growth, and aging of a liquid-like protein condensate

**Break**

**16:20~17:20 (Invited talk 3)**

**Noritaka Nishida** (Chiba University)

Mechanistic insights into intracellular phase separation and maturation of FUS LC domain revealed by in-cell NMR

**17:20~18:00 (Talk 3)**

**Takakazu Nakabayashi** (Tohoku University)

The role of RNAs in droplet formation and dissipation: Raman microscopic studies

**18:00~18:40 (Closing remarks & Talk 4)**

**Kiyoto Kamagata** (Gifu University)

Watching, Manipulating, and Creating Protein Droplets

**19:00~21:00 Evening Mixer**

(forest dining nadeshico ナデシコ食堂@BKC)