

Nascent-chain Biology Meeting 2015 in Tokyo

2015 OCT 1 Ichijo Hall, Yayoi Auditorium,
The University of Tokyo

Program

- 10:00-10:05 Opening Remarks
- Session I Chair Koreaki Ito (Kyoto Sangyo Univ.)
- 10:05-10:35 Toshifumi Inada (Tohoku Univ.)
Ubiquitylation of Stalled Ribosome Triggers Ribosome Quality Control
- 10:35-11:05 Sichen Shao (MRC, UK)
Molecular recognition of stalled and terminating ribosomes
- 11:05-11:35 Thomas Becker (LMU, Germany)
Structural and functional analysis of ribosome-Ski-complexes
- Session II Chair Yukio Fujiki (Kyushu Univ.)
- 12:40-13:10 Shintaro Iwasaki (UC Berkeley, USA)
Rocaglamide A converts RNA helicase eIF4A into a sequence-specific translational repressor
- 13:10-13:40 Motomasa Tanaka (RIKEN BSI)
Global analysis of translation inhibition caused by environmental stressors in yeast
- 13:40-14:10 Christian M. Kaiser (Johns Hopkins Univ.)
Coupling of protein synthesis and folding: Pulling on nascent chains with optical tweezers
- 14:10-14:40 Kenji Inaba (Tohoku Univ.)
Dynamic natures of the PDI family member proteins that act on nascent chains in the endoplasmic reticulum
- Session III Chair Kenji Kohno (NAIST)
- 15:00-15:30 Shinobu Chiba (Kyoto Sangyo Univ.)
Nascent chain-mediated monitoring of the membrane protein biogenesis pathway
- 15:30-16:00 Günter Kramer (ZMBH, Germany)
Studying nascent chain interactions by selective ribosome profiling
- 16:00-16:30 Hideki Taguchi (Tokyo Tech.)
Global analysis of nascent-chain folding and chaperone effects
- 16:30- Closing Remarks

TOPICS

Ribosome	Neurodegeneration
Translocon	mRNA quality control
Chaperone	Translation regulation
Protein folding	Ribosome Quality Control
Ubiquitination	



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