

2018 **Aug 23** 1 pm

**Department of Life Science,  
Lecture Room 103  
Katahira Campus  
Tohoku Univ.**



**Dr Roland  
Beckmann**

Professor  
Gene Center and  
Center for integrated  
Protein Science,  
University of Munich,  
Germany

# Neoprotein biology-From Synthesis to trafficking

## Session I Chair Kenji Inaba

13:00-13:40 Toshifumi Inada (Tohoku Univ)

Ribosome dynamics is regulated by specific modification

13:40-14:20 Kenji Inaba (Tohoku Univ)

Cooperation of pH and zinc ions in ERp44-mediated protein quality control at the ER-Golgi interface

14:20-15:00 Mitsunori Fukuda (Tohoku Univ)

The Rab signaling network in polarized trafficking in epithelial cells

## Session II Chair Toshifumi Inada

15:15-15:35 Ken Ikeuchi (Tohoku Univ.)

Disome as a structural unit for quality control pathways induced by translation arrest

15:40-16:00 Michio Inoue (Tohoku Univ.)

Structural basis of Sarco/Endoplasmic reticulum Ca<sup>2+</sup>-ATPase 2b regulation via transmembrane helix interplay

16:05-16:20 Yoshihiko Kuchitsu and Mitsunori Fukuda (Tohoku Univ)

Autolysosome maturation induced by glutamine starvation

## Session III (Special Lecture)

16:45-17:45 Roland Beckmann (University of Munich)

Found in translation: Cryo-EM analysis of regulatory ribosomal complexes

18:30~ Social gathering

*Protein Quality Control  
Ribosome Quality Control  
Ubiquitination  
Ribosome dynamics  
Membrane trafficking  
mRNA quality control*

Organized by  
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Supported by  
Takeda Science Foundation