International Symposium
on ER stress, glycosylation, homeostasis and diseases
March 22 (Thu) - 23 (Fri), 2018
Suzuki Umetaro Hall, RIKEN (Wako)

Program
March 22 (Thu)
09:00-09:10 Opening remarks
09:10-09:50 Keynote Lecture (1)
   J. Brodsky (Univ. Pittsburgh, USA)
   Protein Conformational Diseases and Endoplasmic Reticulum Associated
   Degradation: Lessons from Model Systems and Therapeutic Strategies
09:50-10:10 Coffee Break
10:10-10:40 D. Kohda (Kyushu Univ.)
   Integrative Structural Biology Approach to Understand the Structural and Dynamic
   Basis of Asn-Glycosylation
10:40-11:10 R. Gilmore (Univ. Massachusetts, USA)
   Glycosylation assembly lines to maximize N-glycosylation efficiency
11:10-11:30 Coffee Break
11:30-12:00 Y. Hirabayashi (RIKEN)
   Membrane glycolipid synthesis and ER-stress
12:00-12:30 T. Taguchi (Univ. Tokyo)
   Exocytic trafficking of STING, an innate immunity signaling protein, from the ER
12:30-14:00 Lunch Break
14:00-14:30 Y. Ito (RIKEN)
   Analysis of ER glycoprotein processing events by means of chemical synthesis
14:30-15:00 Y. Kajihara (Osaka Univ.)
   Chemical synthesis of homogeneous misfolded glycoproteins for understanding
   glycoprotein quality control system
15:00-15:30  **N. Hosokawa** (Kyoto Univ.)  
ERp46 triggers mannose-trimming activity of EDEM3

15:30-17:50  Poster Session  - 3F Lobby

18:00-    Get Together Party  - Hirosawa Club

**March 23 (Fri)**

09:00-9:40  Keynote Lecture (2)  
**K. Mori** (Kyoto Univ.)  
Mechanistic analysis of mammalian ER-associated degradation

09:40-10:00  Coffee Break

10:00-10:30  **G. Lederkremer** (Tel Aviv Univ., Israel)  
The cellular mechanism for timing of glycoprotein folding quality control

10:30-11:00  **T. Suzuki** (RIKEN)  
Is NGLY1-deficiency a result of defective ER-associated degradation?

11:00-11:20  Coffee Break

11:20-11:50  **M. Molinari** (IRB Bellinzona, Switzerland)  
Clearance of Proteasome-resistant protein aggregates from the endoplasmic reticulum

11:50-12:20  **H. Nakatogawa** (Tokyo Inst. Technol.)  
Molecular mechanisms underlying autophagic degradation of the ER

12:20-12:30  Closing Remarks

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