Institute for Protein Research International Seminar

Frontiers in Peptide Science 2018

60th Anniversary
INSTITUTE for PROTEIN RESEARCH

8th December, 2018

10:25-10:30	**Opening remarks**
10:30-10:55	**Synthetic and Biological Studies on HMGA proteins with Post-translational Modifications** Xuechen Li, The University of Hong Kong
10:55-11:20	**Chemical Protein Synthesis with the KAHA Ligation** Jeffrey W. Bode, ETH Zürich
11:20-11:40	**Development of Fluorogen/Protein Hybrid Probes for Imaging Endogenous Biomolecules** Yuichiro Hori, Osaka University
11:40-12:05	**The power of chemoselectivity: Functional protein-conjugates for extra- and intracellular targeting** Christian Hackenberger, Humbolt Universität zu Berlin and FMP
12:05-12:25	**Live cell imaging analyses using input control system** Kazuya Kabayama, Osaka University
13:40-14:05	**Robust tools for building protein** Philip Dawson, Scripps Research
14:05-14:25	**Better peptides via chemical glycosylation** Yuji Nishiuchi, GlyTech
14:25-14:50	**Polo-like Kinase 1 Inhibitors Targeting Polo-box Domain** Jeong Kyu Bang, Korean Basic Science Institute
14:50-15:10	**Solubilizing Tag Strategy for NCL using Aminooxy Group-Aided Peptide Self-Cleavage Reaction** Taku Yoshiya, Peptide Institute
15:40-16:05	**Synthesis of ubiquitin conjugates for biochemical and biophysical studies** Lei Liu, Tsinghua University
16:05-16:30	**Venom toxin peptide synthesis and modifications for ion channel function modulation** Changlin Tian, University of Science and Technology of China
16:30-16:50	**Chemical synthesis and functional analysis of antifreeze glycoprotein for elucidation of the function of *O*-glycosylation** Ryo Okamoto, Osaka University
16:50-17:15	**Redox-controlled protein chemical synthesis** Oleg Melnyk, Institut de Biologie de Lille
17:15-17:35	**Synthesis of selenocysteine-containing protein** Toshiki Takei, Osaka University
18:00-20:00	**Mixer**

Venue: Institute for Protein Research (1st Floor, Lecture Hall), Osaka University
No registration nor registration fee are required for attending the seminar.
Organizers : Taku Yoshiya (Peptide Institute Inc.), Hironobu Hojo (IPR, Osaka University)
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