

Breakthroughs in Chemical Biology and Structural Analysis of Proteins

20th May, 2023

Institute for Protein Research (1F Lecture Hall), Osaka University

10:55 – 11:00	Opening Remarks
11:00 – 11:30	N-Glycans on proteins Yasuhiro Kajihara, Osaka University
11:30 – 12:00	Chemoenzymatic semisynthesis of glycoproteins Carlo Unverzagt
12:00 – 13:00	Lunch Break
13:00 – 13:30	Chemical synthesis of the EPF-family of plant cysteine-rich proteins by ligation reactions Shunsuke Oishi, Nagoya University
13:30 – 14:00	Chemoselective ligation reactions in the glycosciences Valentin Wittmann, Universität Konstanz
14:00 – 14:30	Chemical fluorogenic probes for organelle function imaging Kazuya Kikuchi, Osaka University
14:30 – 15:00	Homogeneously phosphorylated Tau proteins via orthogonal chemical ligation strategies Christian Hackenberger, Leibniz-Forschungsinstitut für Molekulare Pharmakologie (FMP) Berlin
15:00 – 15:30	Study on biomacromolecular structure with dynamical fluctuation utilizing deuteration labeling Masaaki Sugiyama, Kyoto University
15:30 – 15:50	Coffee Break
15:50 – 16:20	Peptide templates and templated reactions for live cell imaging Oliver Seitz, Humboldt Universität zu Berlin
16:20 – 16:50	Mass spectrometric analysis of IgG-related interactions Yuki Yamaguchi, Osaka University
16:50 – 17:20	Examining function and crosstalk of protein modifications with chemical probes Dirk Schwarzer, Universität Tübingen
17:20 – 17:50	Target identification in pathological tissues using peptide probes Koki Hasegawa, Fukushima Medical University
17:50 – 17:55	Concluding Remarks
18:00	Mixer

Organizers: Hironobu Hojo (IPR, Osaka University)

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