

大阪大学蛋白質研究所セミナー ペプチド・蛋白質合成の未来像

日時：平成24年3月3日(土)

場所：大阪大学吹田キャンパス大阪大学蛋白質研究所一階講堂

阪急北千里駅から徒歩15分、地下鉄御堂筋経由北大阪急行 千里中央駅からタクシー15分

または大阪モノレール 阪大病院前から徒歩15分

9:20 - 9:25	Greetings from the Director	Toshiharu Hase (Osaka Univ.)
9:25 - 9:30	Opening remarks	Saburo Aimoto (Osaka Univ.)
9:30 - 9:50	Synthesis of glycoprotein by the ligation methods	Hironobu Hojo (Tokai Univ.)
9:50-10:10	Chemo-enzymatic synthesis of glycopeptide	Toshiyuki Inazu (Tokai Univ.)
10:10-10:25	Peptide ligation via peptide thioester formation	Toru Kawakami (Osaka Univ.)
10:25-10:40	Oxidative folding of disulfide-rich peptides in lipid membranes	Toshiaki Hara (Osaka Univ.)
10:40-11:00	Coffee break	
11:00-11:15	Synthesis of cyclic glycopeptoid exhibiting antifreeze activity	Jeong-Kyu Bang (KBSI)
11:15-11:30	Analysis on structure and function of membrane protein based on peptide chemistry	Takeshi Sato (Osaka Univ.)
11:30-12:00	Core-shell type resin beads for SPPS and bio-applications	Yoon-Sik Lee (Seoul Nat. Univ.)
12:00-13:00	Lunch	
13:00-13:20	Design of enzyme inhibitors based on peptide chemistry	Kenichi Akaji (Kyoto Pharm. Univ.)
13:20-13:35	Preparation of radiopharmaceuticals based on the peptide chemistry	Koki Hasegawa (Riken)
13:35-13:50	Physiological and pharmacological roles of purinergic (P2) receptors in insulin secretion, survival and proliferation in pancreatic β -cells	Masahiro Ohtani (Osaka Dental Univ.)
13:50-14:05	Interactions of prion protein	Kenta Teruya (Kyoto Prefect. Univ. of Medicine)
14:05-14:20	Analysis of structural changes in self-assembly of elastin-derived peptides	Iori Maeda (Kyushu Inst. Tech.)
14:20-14:40	Coffee break	
14:40-15:10	Structural biology on chromatin-related proteins	Yoshifumi Nishimura (Yokohama City Univ.)
15:10-15:40	Probing cancer cell signaling by NMR: structure, interaction, and enzymatic kinetics of small GTPases	Mitsuhiko Ikura (Univ. Toronto)
15:40-16:10	Unlocking the secrets of membrane protein structure and function through peptide synthesis and NMR spectroscopy	Steven O. Smith (Stony Brook Univ.)
16:10-16:20	Closing remarks	Hideo Akutsu (Osaka Univ.)

世話人：相本三郎（阪大蛋白研），川上 徹（阪大蛋白研），佐藤 毅（阪大蛋白研）

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