Human Glyco-Proteomics Initiative
Saturday, Oct 6, 16:30 - 19:00, Jangbogo Hall 335
Supported by the 21st century COE Program, “Integrated functional analyses of disease associated sugar chains and proteins,” Osaka University and the JSPS core to core program.

16:30 - 16:45  Naoyuki Taniguchi, HGPI Chair
“Introduction - Pilot study of O-glycan analysis”

16:45 - 17:00  Nicolle Packer, Macquarie University, Australia
“White Paper Report from Focus Group at the NIH Workshop Frontiers in Glycomics and Glycobiology”

17:00 - 17:15  Stuart Haslam, Imperial College London, UK
“Mass spectrometric strategies for glycomics and glycoproteomics”

17:15 - 17:30  Kazuaki Kakehi, Kinki University, Japan
“An automatic apparatus for releasing O-glycans”

17:30 - 17:45  Yoshiyuki Hiki, Fujita Health University, Japan
“Structural analyses of O-glycans in IgA1 hinge region in IgA nephropathy”

17:45 - 18:00  Yoshinao Wada, Osaka Pref. Maternal and Children Institute, Japan
“Preliminary report of the HGPI O-glycoproteomics pilot study”

18:00 - 18:15  Catherine E. Costello, Boston University School of Medicine, US
“Optimized MS detection of O-GlcNAc and other O-linked glycans”

18:15 - 18:30  Jin Won Cho, Yonsei University, Korea
“Functional role of O-GlcNAc modification on tumor suppressor p53”

18:30 - 18:45  Jeong Heon Ko, Korea Research Institute of Bioscience and Biotechnology, Korea
“Aberrant glycosylation on TIMP-1 by N-acetylglucosaminyltransferase V reinforces the invasive/metastatic potential of colon cancer cells”

18:45 - 19:00  Yukinari Kato, National Institute of Advanced Industrial Science and Technology (AIST), Japan
“Functional glycosylation of human podoplanin: glycan structure of platelet aggregation-inducing factor”