

## **Human Glyco-Proteomics Initiative**

Saturday, Oct 6, 16:30 - 19:00, Jangbogo Hall 335

Supported by the 21<sup>st</sup> 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"