



GGG



Glycobiology in Life Sciences

10th Finnish Glycoscience Meeting

12.-13.12.2013

Haartman Institute, Lecture hall 1 (A103), University of Helsinki

Thursday 12.12.2013

Registration in Haartman Institute from 9.30 am

- 10:00 Opening of the course, Risto Renkonen, Chairman of GGS
Haartman Institute, University of Helsinki, Finland
- 10.05 Jamey Marth: "Protein Glycosylation in the Metabolic Origins of Common Disease"
University of California, Santa Barbara, USA
- 10.50 Gerald Hart: "Nutrient Regulation of Transcription & Signaling: Roles of O-GlcNAcylation in Diabetes, Cancer and Alzheimer's Disease"
Department of Biological Chemistry, Johns Hopkins University School of Medicine, USA
- 11.35 Lunch
- 12.30 Maija Tenkanen: "Xylan acetylation - revealing role in biosynthesis and plant cell wall saccharification"
Department of Food and Environmental Sciences, University of Helsinki, Finland
- 12.50 Otto Holst: "Bacterial cell envelope glycobiology"
Division of Structural Biochemistry, Research Center Borstel, Borstel, Germany
- 13.35 Mikael Skurnik: "Characterization of lipopolysaccharide phage receptors"
Haartman Institute, Department of Bacteriology and Immunology, University of Helsinki, Finland
- 13.55 Coffee
- 14.20 Anu Koivula: "Oxidative D-galacturonic acid pathway in *Agrobacterium tumefaciens*"
VTT Technical Research Centre of Finland, Finland
- 14.40 Hannu Maaheimo: "Different aspects of NMR spectroscopy in studies of carbohydrate metabolism"
VTT Technical Research Centre of Finland, Finland
- 15.00 Hannu Peltoniemi: "GlycopeptideID: Web tool for glycopeptide identification with MS2 spectra"
Applied Numerics Ltd, Finland
- 15.20 Hilikka Kontro: "Comparison of sialylated N-glycopeptide levels in pancreatic cancer, pancreatitis and healthy control serums."
Haartman Institute, University of Helsinki, Finland



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- 15.40 Leena Valmu "Glycoanalytical tools in Therapeutic Stem Cell Research"
University of Helsinki, FRC Blood Service, ThermoFisher
- 16.00 End of day 1.
- 16.05 Annual meeting of Glyco section of BioBio society (Haartman Institute, room A205)

Friday 13.12.2013

- 9.30 Jesús Jiménez Barbero: "NMR and Molecular Recognition: Carbohydrate-Protein Interactions"
CIB-CSIC, Madrid, Spain
- 10.15 Hans-Joachim Gabius: "How (endogenous) lectins translate the sugar code"
Ludwig-Maximilians-University Munich, Germany
- 11.00 Jani Rahkila: "Immunostimulatory Oligosaccharides - An Update"
Laboratory of Organic Chemistry, Åbo Akademi University, Turku, Finland
- 11.20 Lunch
- 12.15 Bernard Henrissat: "Glycogenomics"
Architecture et Fonction des Macromolécules Biologiques, Aix-Marseille University and CNRS, Marseille, France
- 13.00 Christoffer Goth: "Use of Zinc Finger Nuclease gene targeting for Functional Glycomics"
Copenhagen Center for Glycomics, University of Copenhagen, Denmark
- 13.30 Vince Hascall: "Heparin inhibits intracellular synthesis of hyaluronan in hyperglycemic dividing mesangial cells"
Department of Biomedical Engineering, Cleveland Clinic, Cleveland, Ohio, USA
- 14.15 Coffee
- 14.40 Piia Takabe: "Characterization of HAS3 overexpressing MV3 melanoma cell line"
University of Eastern Finland, Institute of Biomedicine
- 15.00 Antti Rivinoja: "Role of polysialylation in Multiple Myeloma"
Department of Biosciences, University of Helsinki, Finland
- 15.20 Jarkko Lackman: "Glycosylation in membrane protein biosynthesis and processing"
Department of Anatomy and Cell Biology, University of Oulu, Finland
- 15.40 Ilpo Vattulainen: "Glycolipids in a computer laboratory"
Department of Physics, Tampere University of Technology, Finland
- 16.00 End of symposium