

Wednesday, Oct 3rd, 2018

18:00 - 18:20	Opening	
18:20 - 18:55	<i>Richard Cummings (PL1)</i>	Intersection of Glycomics, Immunology, and Infectious Disease
19:00 - 22:00	Welcome Reception	

Thursday, Oct 4th, 2018

CHAIRS: DANIEL KOLARICH & LARS BODE		
09:00-09:35	<i>Lars Bode (PL2)</i>	Human Milk Oligosaccharides: From Necrotizing Enterocolitis in Preterm Infants to Frailty in the Elderly
09:35 - 09:45	<i>Christine M. Szymanski (O4 / P04B)</i>	Impact of breastfeeding on Campylobacter infection
09:45 - 09:55	<i>Donald Ham (O2 / P02)</i>	LNFPIII-dextran functions as therapeutic for metabolic diseases
09:55 - 10:05	<i>Renaud Leonard (O3 / P03)</i>	Human mucins O-glycome and bacterial adhesins : how to find the proper partners?
10:05 - 10:30	<i>Daniel Kolarich (IL5)</i>	The glycan language(s) - probing the cells' sweet side
10:30 - 10:50	Coffee Break	
CHAIRS: CHRISTINE M. SZYMANSKI & PAUL DEANGELIS		
10:50 - 11:15	<i>Donald Jarvis (IL2)</i>	Host cell improvement through glycoengineering in the baculovirus-insect cell system
11:15 - 11:25	<i>Harald Nothaft (O4 / P04A)</i>	Glycoconjugate vaccines to reduce diarrheal disease

11:25 - 11:35	<i>Noortje de Haan (O5 / P05)</i>	Enhanced immunoglobulin glycomics toolbox covering different antibody subclasses, isotypes and biofluids, and its application on two pediatric cohorts
11:35 - 11:45	<i>Benjamin P. Kellman (O6 / P06)</i>	A structural approach to broadening glycosyltransferase binding specificity
11:45 - 12:10	<i>Paul DeAngelis (IL3)</i>	Heparosan-based drug delivery platforms and Novel Therapeutics
12:10 - 13:30	Lunch	
13:30 - 14:00	WATERS SATELITE SYMPOSIUM	Waters GlycoWorks RapiFluor-MS can it also be used for high-throughput glycobiology workflows?
13:30 - 15:00	Poster Session I	
CHAIRS: PETER SEEBERGER & MANFRED WUHRER		
15:00 - 15:35	<i>Peter Seeberger (PL3)</i>	From basic glycoscience to commercial applications: instruments, reagents, diagnostics and vaccines
15:35 - 15:45	<i>Cory Wenzel (O7 / P07)</i>	Identification of a lipoteichoic acid from Clostridium perfringens that elicits a broadly cross-reactive immune response and protection in chickens
15:45 - 15:55	<i>Olga Zaitseva (O8 / P08)</i>	Fc-linked N-glycosylation of murine IgG1 variants
15:55 - 16:05	<i>Dirk Lefeber (O9 / P09)</i>	Plasma glycopeptide profiling to discover the rules for protein-specific glycosylation
16:05 - 16:30	<i>Manfred Wuhrer (IL4)</i>	Advanced mass spectrometric approaches for exploring the human glycome in health and disease
16:30 - 16:45	Coffee Break	

CHAIRS: GEERT - JAN BOONS & KIYOKO F. AOKI - KINOSHITA		
16:45 - 17:10	<i>Geert - Jan Boons (IL1)</i>	Cell-Surface Glyco-Engineering using Sialyl Transferases and Modified Neu5Ac-CMP Derivatives
17:10 - 17:20	<i>Niclas G Karlsson (O10 / P010)</i>	The UniCarb-DR repository for recording of reporting guidelines in glycomic MS
17:20 - 17:30	<i>Frederique Lisacek (O12 / P012)</i>	Glycomics@ExPASy in 2018
17:30 - 17:40	<i>Jasminka Krištić (O13 / P013)</i>	Immunoglobulin G glycosylation in 95 mouse strains
17:40 - 18:05	<i>Loretta Yang (IL6)</i>	Novel tools for glycan detection and analysis
18:05 - 18:30	<i>Kiyoko F. Aoki-Kinoshita (IL7)</i>	Integration of life science data through glycomics using semantic web technologies
19:30 - 23:00	Conference Dinner	

Friday, Oct 5 th , 2018		
CHAIRS: KAREN ABBOTT & NICO CALLEWAERT		
09:00 - 09:35	<i>Nico Callewaert (PL4)</i>	Custom-design of protein glycosylation for enhanced biopharmaceutical properties
09:35 - 09:45	<i>Anand Mehta (O14 / P014)</i>	Glycan analysis from tissue to serum - identification and validation of a biomarker for the early detection of hepatocellular carcinoma
09:45 - 09:55	<i>Richard Drake (O15 / P015)</i>	Distinguishing lethal from indolent prostate cancer tissues using N-glycan MALDI imaging MS
09:55 - 10:05	<i>Salome Pinho (O16 / P016)</i>	Turning sweet in autoimmunity - branched N-Glycans alterations as a mechanism in the loss of immune tolerance with clinical applications
10:05 - 10:15	<i>Harry Tjondro (O17 / P017)</i>	Unusual and compartment-specific N-glycosylation of healthy human neutrophil granules
10:15 - 10:40	<i>Karen Abbott (IL8)</i>	Navigating the translational potential of the glycan code
10:40 - 10:50	Coffee Break	
CHAIRS: RATMIR DERDA & GORDAN LAUC		
10:50 - 11:15	<i>Gordan Lauc (IL9)</i>	Big data glycomics
11:15 - 11:25	<i>Friedrich Altmann (O18 / P018)</i>	Exploiting retention times for isomer sensitive N-glycan analysis using multiplexed isotope labeled standards
11:25 - 11:35	<i>Vlatka Zoldoš (O19 / P019)</i>	Epigenetic regulation of protein glycosylation

11:35 - 11:45	<i>Leila Giron (O20 / PO20)</i>	Host glycomic determinants of interferon-mediated reduction of HIV persistence in vivo
11:45 - 11:55	<i>Matthew SF Choo (O21 / PO21)</i>	GlycopeptideGraphMS: detection of glycopeptides not needing fragmentation or databases
11:55 - 12:20	<i>Ratmir Derda (IL10)</i>	Genetically encoded liquid glycan array
12:20 - 13:30	Lunch	
13:30 - 14:00	SCIEX SATELITE SYMPOSIUM	Biopharmaceutical Glycan Analysis: How does CE compare with HILIC?
13:30 - 15:00	Poster Session II	
CHAIRS: HANS WANDALL & JOHN MAGNANI		
15:00 - 15:30	<i>Hans Wandall (IL11)</i>	Genetically engineered cell factories produce glycoengineered vaccines targeting antigen presenting cells
15:30 - 15:40	<i>Viktoria Dotz (O22 / PO22)</i>	N-Glycan signatures of type 2 diabetes, inflammatory bowel diseases and rheumatoid arthritis
15:40 - 15:50	<i>Sodbo Sharapov (O23 / PO23)</i>	Understanding the genetic control of human blood plasma glycome using genome-wide association study
15:50 - 16:00	<i>Djuro Josic (O24 / PO24)</i>	High-throughput glycomic analysis of different mammalian antibodies as a strategy in laboratory diagnosis and identification of disease biomarkers
16:00 - 16:25	<i>John Magnani (IL12)</i>	Glycomimetic Drugs in Clinical Trials for Inflammatory Disease and Cancer
17:00 - 20:00	Visit to Dubrovnik	

Saturday, Oct 6th, 2018

CHAIRS: PAULINE RUDD & MICHAEL PIERCE

09:00 - 09:50	<i>Pauline Rudd (PL5)</i>	Software to improve the speed and quality of multi-attribute data analysis for addressing the human glycome
09:50 - 10:25	<i>Michael Pierce (O11 / PO11)</i>	Comparative microbial glycan binding specificities of three intelectins
10:25 - 10:55	<i>Karin Hoffmeister (IL13)</i>	Glycans and The Bone Marrow Niche
10:55 - 11:25	Coffee Break	
11:25 - 13:25	Human Glycome Project business meeting	