

Wednesday, November 2nd, 2022

19:00 Working Dinner sponsored by Genos

Thursday, November 3rd, 2022

09:00	<i>Gordan Lauc</i> Genos Introduction to the 3 rd Human Glycome Project Meeting
Section 1: Diversity of the Human Glycome <i>Chairs: Thomas Klarić and Richard Drake</i>	
09:20	<i>Anna Halama</i> Weil Cornell Doha The molecular human
09:40	<i>Genadij Razdorov</i> Genos Inter-individual variation in glycosylation of individual proteins
10:00	<i>Salomé Pinho</i> i3S University of Porto Glycans in Infection and Immunity
10:20	<i>Thomas Klarić</i> Genos Human brain glycome
10:40	<i>Noortje de Haan</i> University of Copenhagen New tools in O-glycomics to study the human skin glycome
11:00	Discussion
11:20	Coffee Break

Section 2: Glycans in Personalised Medicine <i>Chairs: Gordan Lauc and Wei Wang</i>	
11:40	<i>Olga Demler</i> Harvard Medical School Glycan biomarkers for cardiovascular events
12:00	<i>Clemens Wittenbecher</i> Chalmers Glycan biomarkers as predictors of cardiometabolic disease incidence
12:20	<i>René Hennig</i> glyXera Clinical glycomics for the diagnosis of congenital disorders of glycosylation
12:40	<i>Wei Wang</i> Edith Cowan University Paracentral dogma: supporting the central dogma with sugar code
13:00	Discussion
13:30	Lunch
Workshop 1: Data analysis & databases <i>Chairs: Frederique Lisacek & Yurii Aulchenko</i>	
14:30-15:30	Experimental design of large glycomic studies
	Integrating glycomics with other omics data
	Depositing glycomic data in public databases
Workshop 2: Glycan analysis in biopharma <i>Chairs: Andras Guttman and Maja Pučić Baković</i>	
15:30-16:30	Analytical challenges
	Current trends
	Future directions
16:30	Coffee Break
Workshop 3: European / global initiatives <i>Chair: Sabine Flitsch</i>	
17:00-18:00	Adding glycomics to large biobanks
	Human glycome project
	European Glycoscience Community
19:30	Working Dinner Sponsored by InterVenn

Friday, November 4th, 2022

Friday

Section 3: Glycans in Cancer <i>Chairs: Klaus Lindpainter and Celso Reis</i>	
09:00	<i>Klaus Lindpainter</i> InterVenn Glyco-diagnostics of cancer
09:20	<i>Guinevere Lageveen-Kammeijer</i> LUMC Colorectal cancer glycomics
09:40	<i>Celso Reis</i> i3S University of Porto Glycans in personalized medicine and cancer patient stratification
10:00	Discussion
10:20	Coffee Break
Section 4: Glycoimmunology <i>Chairs: Falk Nimmerjahn and Gestur Vidarsson</i>	
10:40	<i>Falk Nimmerjahn</i> FAU B cell intrinsic sialylation
11:00	<i>Gestur Vidarsson</i> Sanquin Functional annotation of "proinflammatory" IgG phenotype
11:20	<i>Vered Padler-Karavani</i> Tel Aviv University Immune responses against glycosylated biodevices
11:40	Discussion
Special session: Glycan biomarkers in cardiometabolic diseases <i>Chairs: Gordan Lauc and Olga Gornik</i>	
12:00	<i>Gordan Lauc</i> University of Zagreb Glycans – biomarkers and effectors of cardiometabolic diseases
12:15	<i>Ivan Gudelj</i> Genos Glycans in cardiovascular disease
12:30	<i>Tamara Štambuk</i> Genos Glycans in type 2 diabetes

12:45	<i>Olga Gornik</i> University of Zagreb Glycans in type 1 diabetes
13:00	Discussion
13:30	Lunch
Section 5: Regulation of glycosylation <i>Chairs: Manfred Wuhrer and Vlatka Zoldoš</i>	
15:00	<i>Manfred Wuhrer</i> LUMC Integration of glycomics and transcriptomics data
15:20	<i>Yurii Aulchenko</i> Polyomica Quantitative genetics of human protein N-glycosylation
15:40	<i>Vlatka Zoldoš</i> University of Zagreb Complex genetic regulation of the IgG glycome
16:00	Discussion
16:20	Coffee Break
Section 6: Future analytical technologies <i>Chairs: Parasto Azadi and Sabine Flicht</i>	
16:40	<i>Parastoo Azadi</i> CCRC Detailed N and O-linked glycan analysis by MSn Analysis
17:00	<i>Richard Drake</i> MUSC New enzymatic and immunohistochemistry tools in MALDI imaging MS of N- and O-glycans
17:20	<i>Sabine Flicht</i> University of Manchester Fragment-based sequencing methods for glycoconjugates
17:40	<i>Bram Heijs</i> LUMC Towards the spatial dynamics of glycomics
18:00	Discussion
19:30	Working Dinner sponsored by Waters and New England Biolabs