Preliminary Programme

Summer Course Glycosciences

15th European Training Course on Carbohydrates

24 – 28 June 2018, Wageningen, the Netherlands

Sunday June 24, 2018 **Opening**			
15:30-16:15	Registration		
16:15-16:45		Opening Summer Course Glycosciences	Scientific Organization
16:45-17:45	Opening Lecture	*To be announced*	*To be announced*
17:45-20:30	*Drinks and Buffet dinner*		

Monday June 25, 2018 **Glycoscience Nomenclature & Molecular Structures and Modelling**			
08:45-09:35	Plenary session	Nomenclature; interactive	Dr M.T.C. Walvoort
09:35-10:25	Plenary session	Architecture and characterization of plant polysaccharides	Prof. H.A. Schols
10:25-10:55	*Coffee/ tea break*		
10:55-11:45	Plenary session	Bacterial polysaccharides	Prof. O. Holst
11:45-12:35	Plenary session	Carbohydrate-protein interactions - molecular modelling insights	Prof. S. Perez
12:35-12:45	***Group photo!***		
12:45-13:30	*Lunch*		
13:30-14:20	Plenary session	Pitfalls in carbohydrate synthesis	Prof. S. Oscarson
14:20-15:10	Plenary session	Scientific Speed Dating	
15:10-15:40	*Coffee/ tea break*		
15:40-16:30	Plenary session	Introduction to plant cell wall synthesis	Prof. H. Höfte
16:30-17:30	Plenary session	Analytics for poly- and oligosaccharide characterization	Prof. H.A. Schols
18:00-20:00	*Dinner*		
20:00-21:30	*POSTERS and drinks*		

Tuesday June 26, 2018 **Analytical Techniques for Glycosciences (morning)** **Carbohydrate Degrading Enzymes (afternoon)**			
08:45-09:35	Plenary session	Mass spectrometry approaches in glycoscience	Prof. M. Wuhrer
09:35-10:25	Plenary session	NMR methodologies and strategies in glycoscience	Prof. T. Peters
10:25-10:55	*Coffee/ tea break*		
10:55-11:45	Plenary session	Glycoproteins and health	Prof. M. Wuhrer
11:45-12:35	Parallel session	NMR spectroscopy of carbohydrate-protein interactions	Prof. T. Peters
11:45-12:35	Parallel session	Glycoinformatics – databases and software tools for glycosciences	Prof. S. Perez
12:35-13:30	*Lunch*		
13:30-14:20	Plenary session	Carbohydrate degrading enzymes: classification and annotation	Prof. P. Coutinho
14:20-15:10	Plenary session	Enzymatic modelling of enzyme-protein structures to understand carbohydrate conversion	Dr L. Lo Leggio

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15:10-15:40	*Coffee/ tea break*		
15:40-16:30	Parallel session	Properties and applications of starch converting enzymes	Prof. M.J.E.C. van der Maarel
15:40-16:30	Parallel session	Plant cell wall polysaccharide degrading enzymes in food and non-food applications	Dr M.A. Kabel
16:30-17:30	Plenary session	Interactive Speakers Corner	
18:30-20:00	*Dinner*		
20:00-21:30	*POSTERS and drinks*		

Wednesday June 27, 2018 **Glycoscience Health and Intestinal Tract**			
08:45-09:35	Plenary session	Polysaccharides and diseases	Prof. J.M.F.G. Aerts
09:35-10:25	Plenary session	Biomedical aspects of polysaccharides	Prof. O. Holst
10:25-10:55	*Coffee/ tea break*		
10:55-11:45	Plenary session	Carbohydrates and the immune system	Prof. P. de Vos
11:45-12:35	Plenary session	Polysaccharide conversion in the gut	Prof. K. Venema
12:35-13:30	*Lunch*		
13:30-14:20	Plenary session	Fiber conversion in monogastrics	Prof. K.E. Bach Knudsen
14:20-15:10	Plenary session	Characterizing physico-chemical properties of polysaccharides	Prof. B.E. Christensen
15:10-15:40	*Coffee/ tea break*		
15:10-18:30	*Start Social Program*		
18:30-23:00	*Course Dinner with Poster Prize awarding*		

Thursday June 28, 2018 **Application of Carbohydrates and Future Perspectives**			
08:45-09:35	Plenary session	Biochemical properties of starch in food applications	Dr P.L. Buwalda
09:35-10:25	Parallel session	New fibers via novel alpha-glucan acting enzymes	Prof. L. Dijkhuizen
	Parallel session	Structure, properties and applications of alginates	Prof. B.E. Christensen
10:25-10:55	*Coffee/ tea break*		
10:55-11:45	Parallel session	The stories behind the prebiotic GOS	Dr B. Kuipers
	Parallel session	Material synthesis on basis of carbohydrates	Ir. K. Molenveld
11:45-12:00	Presentation Poster Prize Winner		
12:00-12:45	Closing Lecture	Resource use efficiency	Prof. R.M. Boom
12:45-13:00	Closing Session		Scientific Organization
13:00-13:45	*Lunch*		