

PROGRAMME Summer Course Glycosciences

16th European Training Course on Carbohydrates
10+11, 17+18 June 2021, Wageningen, the Netherlands

Thursday June 10, 2021		
Glycoscience Nomenclature & Molecular Structures and Modelling		
09:00-9:15	Welcome	Prof. H.A. Schols
09:15-9:45	Connect with participants end with 5 min break	Dr M.T.C. Walvoort & Dr M.A. Kabel
09:45-10:30	Introduction to carbohydrates	Dr M.T.C. Walvoort
10:30-10:45	<i>Coffee/ tea break</i>	
10:45-11:45	Architecture and characteristics of plant polysaccharides	Prof. H.A. Schols
11:45-12:00	<i>Group photo on screen</i>	
12:00-13:00	<i>Lunchbreak</i>	
13:00-14:00	Poster pitch (2-3 min per candidate)	
14:15-15:15	A Traveler's Guide to Glycans in the Glyco World	Prof. S. Perez
15:15-15:30	<i>Coffee/ tea break</i>	
15:30-16:30	Glycoscience at Nutrileads	Dr. Ruud Albers

Friday June 11, 2021		
Analytical Techniques for Glycosciences		
09:00-10:00	Mass spectrometry approaches in glycoscience	Prof. M. Wuhrer
10:00-10:15	<i>Coffee/ tea break</i>	
10:15-11:00	Analytics for poly- and oligosaccharide characterization	Prof. H.A. Schols
11:00-11:30	Explanation assignment (homework)	H.A. Schols/ M. Wuhrer
11:30-12:15	Speakerscorner	Dr. A. Chakkumkal/ Prof. A. Silipo
12:15-13:15	<i>Lunchbreak</i>	
13:15-14:15	NMR methodologies and strategies in glycoscience	Prof. T. Peters
14:15-15:15	Microbial glycans	Prof. A. Silipo
15:15-15:30	<i>Coffee/ tea break</i>	
15:30-16:30	Enzymatic modelling of enzyme-protein structures to understand carbohydrate conversion	Dr L. Lo Leggio
16:30	Closure of this week & program next week	

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Thursday June 17, 2021		
Glycoscience Synthesis & Glycoscience Health		
09:00-10:00	Pitfalls in (chemical) carbohydrate synthesis	Prof. S. Oscarson
10:00-11:00	Chemical enzymatic assisted carbohydrate synthesis	Prof. G.J. Boons
11:00-11:15	<i>Coffee/ tea break</i>	
11:15-12:15	The stories behind the prebiotic GOS – Friesland Campina	Dr B. Kuipers
12:15-13:15	<i>Lunchbreak</i>	
13:15-14:15	Poster pitch (2 min per candidate)	
14:15-14:30	<i>Coffee/ tea break</i>	
14:30-15:30	Plant cell wall polysaccharide degrading enzymes in food and non-food applications	Dr M.A. Kabel
15:30-16:30	Cancer Glycobiology	Dr S. van Vliet

Friday June 18, 2021		
Glycoscience Health & Application of Carbohydrates		
09:00-09:45	Glycoproteins and health	Prof. M. Wuhrer
09:45-10:15	Discuss Assignment of first week	H.A. Schols/ M. Wuhrer
10:15-10:30	<i>Coffee/ tea break</i>	
10:30-11:30	Polysaccharide conversion in the gut	Prof. K. Venema
11:30-12:15	Carbohydrates and the immune system	Prof. P. de Vos
12:15-13:15	<i>Lunchbreak</i>	
13:15-14:15	Poster pitch (2 min per candidate)	
14:15-14:30	<i>Coffee/ tea break</i>	
14:30-15:30	Valorisation of carbohydrate rich feedstocks at Cosun	Dr H. Raaijmakers
15:30-16:30	Glycoconjugates vaccins – Johnson & Johnson	Dr. A. Chakkumkal
16:30	Closure & certificates	