Max-Planck-Institut
für Kolloid- und Grenzflächenforschung

GlycoUniverse

1st Glyconeer User Workshop

21st - 22nd May 2019 | Max Planck Institute for Colloids and Interfaces, Potsdam (Golm) Germany | Level 2 Seminar Room K-2.155

DAY 1

Tuesday, 21st May 2019 Morning Session

09:15 - 09:30	**Welcome** Mario Salwiczek | GlycoUniverse
09:30 - 09:45	**Introduction of Participants** Everyone
09:45 - 10:00	**Automated Glycan Assembly: A Historical overview** Peter Seeberger | Max Planck Institute for Colloids and Interfaces
10:00 - 10:40	**AGA Applications: The Glyconeer2.0 – Practical insights from GlycoUniverse** Tanistha Gupta/João Louçano | GlycoUniverse
10:40 - 11:10	**Discussion: Glyconeer Hardware I** Everyone
11:10 - 11:30	*Coffee Break*
11:30 - 12:00	**Discussion: Glyconeer Hardware II** Everyone
12:00 - 12:30	**AGA Applications**: **Glyconeer 2.0: applications at Leiden University** Jeroen Codee/Jacopo Enotarpi | Leiden University
12:30 - 13:00	**AGA Applications**: **Traceless Photolabile Linker Expedites Chemical Synthesis of Complex Oligosaccharides by Automated Glycan Assembly** Kim Limaihoang | Max Planck Institute for Colloids and Interfaces
13:00 - 14:00	*Lunch Break*

DAY 1

Tuesday, 21st May 2019 Afternoon Session

14:00 - 14:20	**AGA Applications**: **Biopolymers as Scaffold for Posttranslational Modifications** Mattan Hurevich | The Hebrew University of Jerusalem
14:20 - 14:40	**AGA Applications**: **Automated synthesis of long oligosaccharides (100 & 151 mers)** Abragam Joseph | Max Planck Institute for Colloids and Interfaces
14:40 - 15:00	**AGA Applications**: **Automated Assembly of Glucan and Mannan Fragments** Jonathan Cartmell | University of Alberta
15:00 - 15:30	**Discussion: AGA Building Blocks and Reagents** Everyone
15:30 - 15:50	*Coffee Break*
15:50 - 16:10	**AGA Applications**: **Automated Glycan Assembly of Lewis Type-I and Type-II Chain Antigens** Monica Guberman | Max Planck Institute for Colloids and Interfaces
16:10 - 16:30	**AGA Applications: Defined glycan structures as substrates to study hydrolases from marine bacteria** Alonso Pardo | Max Planck Institute for Colloids and Interfaces
19:00	**Dinner** Genusswerkstatt Potsdam, Breite Straße 1a, 14467 Postdam

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DAY 2

Wednesday, 22nd May 2019 Morning Session

09:15 - 09:30	**Recap Day 1** Mario Salwiczek | GlycoUniverse Peter Seeberger | Max Planck Institute for Colloids and Interfaces
09:30 - 10:00	**Discussion: Glyconeer Software** Everyone
10:00 - 10:40	**AGA Applications**: **Tailor-made oligosaccharides** Martina Delbianco | Max Planck Institute for Colloids and Interfaces
10:40 - 11:00	*Coffee Break*
11:00 - 11:30	**Discussion: (Photo)cleavage of the resin** Everyone
11:30 - 12:00	**Discussion: Global deprotection** Everyone
12:00 - 12:30	**Discussion: Purification** Everyone
12:30 - 12:45	**Summary** Mario Salwiczek | GlycoUniverse Peter Seeberger | Max Planck Institute for Colloids and Interfaces
12:45	*Lunch/Departure*

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LIST OF PARTICIPANTS

Max Planck Institute for Colloids and Interfaces

Prof. Dr. Peter H. Seeberger
Monica Guberman
Abragam Joseph
Dr. Maria Bräutigam
Dr. Martina Delbianco
Dr. Eric Sletten
Yang Yu
Giulio Fittolani
Dr. Kim Lemaihoang
Alonso Pardo
Dr. Jose Angél Danglad-Flores
Sabrina Leichnitz

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Christina Jordan

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Prof. Jian Yin

The Hebrew University of Jerusalem

Dr. Mattan Hurevich