

Inserm Workshop 285

Le sucre et la vie : émergence de la glycobiologie en santé et physiopathologie
Glycobiology: the sweet side of life in health and disease

15-17 octobre 2025 / October 15-17, 2025 ■ Bordeaux, France

Mercredi 15 octobre 2025 ■ Wednesday October, 15th 2025

15:30 - 16:00	Reception of participants
16:00 - 16:15	Welcome and presentation by the organizers
SESSION I	Fundamentals of Glycobiology: Structure, Biosynthesis, Functions of Glycans
16:15 - 17:00	Glycan Diversity and Functions Yann Guerardel (CNRS, Université de Lille, France) & Sandrine Gulberti (University of Lorraine, Nancy, France)
17:00 - 17:30	Coffee break
17:30 - 18:15	Biosynthesis of Glycans Catherine Bui (University of Lorraine, Nancy, France)
18:15 - 19:00	Principles of Glycan Recognition Anne Imberty (CERMAV, Grenoble, France)
19:30	Dinner

Jeudi 16 octobre 2025 ■ Thursday October, 16th 2025

06:30 - 08:30	Breakfast
SESSION II	Roles of Glycans in Human Pathologies
08:30 - 09:15	The functionality of the cancer glycome: novel insights and clinical implications Celso Reis (i3S-University of Porto, Portugal)
09:15 - 10:00	Glycobiology in Fungal Infections Boualem Sendid (Inserm U1285, CHU, Université de Lille, France)
10:00 - 10:30	Coffee break
10:30 - 11:15	Genetic and Congenital Disorders of Glycosylation François Foulquier (UGSF UMR 8576 CNRS, Lille, France)
11:15 - 12:00	Glycans at the frontiers of chronic inflammation, autoimmunity and cancer Salomé Pinho (i3S-University of Porto, Portugal)
12:00 - 14:00	Lunch

SESSION III	Translational Glycobiology
14:00 - 14:45	Glycans as Clinical Biomarkers Fredrik Noborn (University of Gothenburg, Sweden)
14:45 - 15:30	Glycan targeting Molecules for Precise Cancer Therapy Heinz Läubli (University of Basel, Switzerland)
15:30 - 16:00	Coffee Break
16:00 - 16:45	Glycan-based Vaccines for Infectious Diseases and Cancer Yvette van Kooyk (Amsterdam UMC, The Netherlands)
16:45 - 17:30	Novel Drugs from complex Sugars Jeremy Turnbull (Copenhagen Centre for Glycocalyx Research, Denmark)
17:30 - 18:15	Application of High Throughput Glycomics Towards Biomarkers Discovery Katarina Madunic (Leiden University Medical Center, The Netherlands)
19:30 - 20:15	Panel discussions & Cocktail
20:15	Dinner

Vendredi 17 octobre 2025 ■ Friday October, 17th 2025

06:30 - 08:30	Breakfast
SESSION IV	How should we approach the study of glycans?
08:30 - 09:15	Reading and Writing the Human Glycocode using Genetic Tools Hans Wandall (Copenhagen Center for Glycomics, Denmark)
09:15 - 10:00	Functional Glycoproteomics Towards Precision Medicine Muriel Bardor (University of Rouen, France)
10:00 - 10:30	Coffee Break
10:30 - 11:15	Bioorthogonal Precision Tools to address the Human Glycoproteome Ben Schumann (Imperial College London, United Kingdom)
11:15 - 12:00	Semantic integration of glycoscience knowledge Kiyoko Aoki-Kinoshita (Soka University, Tokyo, Japan)
12:00 - 12:15	Concluding remarks
12:15 - 14:00	Lunch
14:00	Departure