8.45 am – 9.00 am Opening
9.00 am – 10.30 am Glycan-pathogens interactions
9.00 am – 9.25 am Unusual glycans for unusual entities - Cristina de Castro - University of Napoli Federico II, Italy
9.25 am – 9.50 am Glycosylation of coronavirus membrane proteins - Sandrine Belouzard - Center for Infection & Immunology of Lille, Lille, France
9.50 am – 10.15 am Viral glycosylation: From HIV to SARS-CoV-2 - Max Crispin - University of Southampton, Southampton, United Kingdom
10.15 am – 10.30 am Selected short talk: How glycan nanodomains on pathogenic bacteria drive selective recognition by host immune cells - Albertus Viljoen - CNRS IBPS, Paris, France
10.30 am – 11.00 am Coffee break
11.00 am – 12.30 pm Glycosyltransferases structure and multiprotein complexes
11.00 am – 11.25 am Deciphering the Mysteries of Glycosaminoglycan Chain Formation - Rebekka Wild - Institut de Biologie Structurale, Grenoble, France
11.25 am – 11.50 am Structural basis of capsule polymerization in Gram-negative bacteria - Marcelo Guerin - Institute of Molecular Biology of Barcelona, Spain
11.50 am – 12.15 pm Molecular and functional evolution of vertebrate sialyltransferases: a focus on α2,8-sialyltransferases (ST8Sia) - Anne Harduin - University of Lille, France
12.15 pm – 12.30 pm Selected short talk: Functional insights into N-deacetylases/N-sulfotransferases, key players in heparan sulfate maturation - Sylvain Vallet - CNRS IBS, Grenoble, France
12.30 pm – 2.00 pm Lunch break and poster session
2.00 pm – 3.15 pm Genetic diseases and beyond
2.00 pm – 2.25 pm Pathomechanisms of Glycosylation Disorders, So much to still learn! - François Foulquier - University of Lille, France
2.25 pm – 2.50 pm Deciphering the molecular mechanisms associated with B3GALT6 mutations in a rare connective tissue disorder - Catherine Bui - University of Lorraine, France
2.50 pm – 3.15 pm Modified cyclodextrins: from lysosomal targeting to self-assembling anti-viral agents - Matthieu Sollogoub - Sorbonne University, Paris, France
3.15 pm – 3.45 pm Coffee break
3.45 pm – 4.00 pm Glyco-Drugs: were are we?
3.45 pm – 4.10 pm Glycovaccines to combat bacterial diseases: from concept to first-in-human data and beyond - Laurence Mulard - Institut Pasteur, Paris, France
4.00 pm – 4.35 pm Glycopolymers as glycosaminoglycan mimetics for glycocalyx engineering - Laura Hartmann - University of Freiburg, Freiburg, Germany
4.35 pm – 5.00 pm Metabolic inhibitors of glycosylation as potential anti-cancer drugs - Thomas Boltje - Radboud University, Nijmegen, The Netherlands
Advances in GAG and glycan analysis and interactions

MS-IR toolbox for Glycomics: current performance for human and non-human applications and ongoing developments - Isabelle Compagnon - University of Lyon, France

Recent Advances in Protein O-Mannosylation: Structure, Function and Disease - Adnan Halim - University of Copenhagen, Copenhagen, Denmark

Recent developments in mass spectrometry to meet the analytical challenges in Glycosciences - David Ropartz - INRAE, Nantes, France

Selected short talk: Glycosaminoglycans versus Glycans: How carbohydrate composition influences protein dynamics - Stéphanie Baud - University of Reims, Reims, France

Coffee break

Molecular Glyco-engineering

Mechanisms of ganglioside dimer formation and receptor activity regulation as revealed by single-molecule imaging - Kenichi Suzuki - Gifu University, Japan

Tag, Detect, Illuminate: Advancing Glycosciences with Chemical Reporter Strategies - Christophe Biot - University of Lille, France

Novel lectin-based approaches to target and kill Gb3-positive cancer cells - Winfried Römer - University of Freiburg, Germany

Selected short talk: Development of recombinant lectins array for glycoprofiling - Annabelle Varrot - CNRS CERMAV, Grenoble, France

Lunch break and poster session

Glycans & clinical biomarkers

Turning sweet in immunity: glycans at the forefront of chronic inflammation, autoimmunity and cancer - Salome Pinho - University of Porto, Portugal

The glycomics dimension of prevalent diseases - Manfred Wührer - Leiden University Medical Center, Germany

Plasma and urine glycosaminoglycan profiles for noninvasive multicancer early detection - Francesco Gatto - Chalmers University of Technology, Gothenburg, Sweden

Coffee break

A look to the future

Selected short talk: Annotation and prediction of protein-carbohydrate interfaces using machine learning approaches - Aria Gheeraert - BIGR Inserm, Paris, France

Is glycoscience keeping up with the Big Data trend? - Frédérique Lisacek - Swiss Institute of Bioinformatics, Geneva, Switzerland

Multiscale study of LipoPolySaccharides recognition at the bacterial cell surface - Cedric Laguri - Institut de Biologie Structurale, Grenoble, France

Concluding remarks