

Time	October 23
8:40-9:40	Registration, Auditorium Technology Park San Sebastian
9:40-9:45	Welcome Niels Reichardt, Jesus Jimenez-Barbero
09:45-11:10	Session 1: Chair: Niels Reichardt, CIC biomaGUNE
9:45-10:20	Invited Lecture: IL-1 "Functions of Sialoglycans and Siglecs on lymphocytes" Lars Nitschke, Friedrich-Alexander-Universität
10:20-10:40	OC1 "Advances in targeting glycosylation in cancer: novel CAR-Ts and beyond" <i>Celso Reis, I3S, Porto</i>
10:40-10:55	OC2 "Cracking the Glycan code of HER2-positive Gastric Cancer towards patient therapeutic stratification" <i>Henrique Duarte, I3S, Porto</i>
10:55-11:02	FL1 "Generating NMR-validated structural models of a cancer-associated sialyltransferase in complex with low-affinity glycomimetics" <i>Adelyn María Betances-Mora, IIQ, Seville</i>
11:02-11:09	FL2 "Exploring the interaction of integrin CD11b on T cells with Siglec-15 in the context of cancer immunosuppression" <i>Jone Etxaniz-Díaz de Durana, CIC bioGUNE</i>
11:10-11:45	Poster Session with Coffee
11:45-13:30	Session 2: Chair: Jesús Jiménez-Barbero, CIC bioGUNE
11:45-12:20	Invited Lecture: IL-2 "Targeting Siglec–Sialoglycan Interactions: Structural Insights and Therapeutic Opportunities" <i>June Ereño-Orbea, CICbioGUNE</i>
12:20-12:35	OC3 "The role of sialic acid in cancer therapy response and immunomodulation" <i>Joana Gomez, i3S, Porto</i>
12:35-12:50	OC4 "N-Glycomimetics and exosome glycoengineering targeting immune system lectins as potential cancer therapy" <i>Vicente Oliver, CIC biomaGUNE</i>
12:50-13:05	OC5 "Tumor hemorrhagic polysaccharides from Streptococci and Serratia: studies on the Serratia constituent" <i>Roger Laine, Louisiana University, USA</i>
13:05-13:20	OC6 "Targeting aberrant tumor glycosylation to restore trastuzumab-sensitivity in HER2+ breast cancer" <i>Roos Vincken, CIC bioGUNE</i>
13:20-14:30	Lunch

14:30-16:00	Session 3: Chair: Ana Ruiz, CIC bioGUNE
14:30-14:45	OC7 "4F-GalNAc as a novel inhibitor of cancer-associated O-Glycans in gastrointestinal cancer cells" Ana Costa, i3S, Porto
14:45-15:00	OC8 "Human-Derived 3D Tumor Spheroids as a Platform to Evaluate Anti-Siglec-10 Immunotherapies" Amaia Mentxaka, CIC bioGUNE
15:00-15:15	OC9 "Exploring sialylation in disease toward biomarker validation and therapeutic design" Mariana Barbosa, Universidade Nova de Lisboa
15:15-15:30	OC10" A Sialomimetic Glycan Array for the Identification of Viral Entry Inhibitors" Seyed Omar Zareei, Helmholtz-Institute for Pharmaceutical Research Saarland
15:30-15:37	FL3 "Role of glycosyl hydrolases in the VP8*–Glycan interaction of Rotavirus" Sonia Llanos-Villatoro, Universidad de Valencia
15:37-15:44	FL4 "Co-folding of carbohydrate-protein complexes" Francesca Peccati, CIC bioGUNE
15:44-15:51	FL5 "Probing the structure of human galectins with fluorinated carbohydrates" Martin Kurfiřt, Institute of Chemical Process Fundamentals of the CAS
15:51-15:58	FL6 "Glycosylated Peptides as Conformational Modulators: Reducing DKP Formation through Structural Control" Fayna Garcia, Universidad de la Rioja
16:00-16:45	Poster Session with Coffee
16:45-18:00	Session 4: Chair: Sonia Serna, CIC biomaGUNE
16:45-17:00	OC11 "Glycocalyx dynamics: linking collective properties to function" Natalia Baranova, CICbiomaGUNE
17:00-17:15	OC12 "Advancing NMR Approaches for Probing Glycoprotein Recognition and the Glycocalyx Landscape" Ana Gimeno, CIC bioGUNE
17:15-17:30	OC13 "The Glycosylation Landscape of the Rotavirus A VP8* Spike Domain " Richard Shipman, University of Valencia
17:30-17:45	OC14 "From Glycogenes to Cell-Based Models: Engineering Glycosylation for on-Cell Glycans-Lectins binding studies" Diego Del Balzo, CIC bioGUNE
17:45-17:52	FL7 "Global glycoprotein profiling of WNT7A overexpressing MDA231 cells by LC-MS" Mikel Azkargorta, CIC bioGUNE
17:52-17:59	FL8 "Unravelling viral Haemagglutinin preferences to host Glycans by chemoenzymatic Synthesis and NMR" Cristina Fernández Pérez, CICbioGUNE
20:30	Glycobasque Dinner in Restaurante Zmare

Time	October 24
9:00-10:30	Session 5: Chair: Ana Gimeno, CIC bioGUNE
9:00-9:35	Invited lecture IL-3 "Development of next generation carbohydrate based vaccines" <i>Xuefei Huang, Michigan State University</i>
9:35-9:50	OC15" Dynamic HYALURONAN-ARGININE interactions modulate solution properties at the molecular level" <i>Miguel Riopedre-Fernandez, IOCB, Prague</i>
9:50-10:05	OC16 "NMR approaches to characterize Oligomannose Glycan Recognition" <i>Angeles Canales, Complutense University</i>
10:05-10:12	FL9"Unexpected recognition of 3-fluoro mannose by different types of galectins observed by 19F- NMR" <i>F. J. Alonso-Martínez, CIB, Madrid</i>
10:12-10:19	FL10 "Q8 VLPs for glycoconjugate vaccines" <i>Aida García, CIC biomaGUNE</i>
10:19-10:26	FL11 "Synthesis of sialoglycomimetic for Siglec-based immune regulation" <i>Beatriz del Campo, CIC biomaGUNE</i>
10:30-11:15	Poster Session with Coffee
11:15-13:00	Session 6: Chair: Ana Ardá, CIC bioGUNE
11:15-11:50	Invited lecture IL-4 "Carbohydrate foldamers and assemblies" <i>Martina Delbianco, MPI Golm</i>
11:50-12:00	FL12 "De novo design of glycan foldamers based on a semi-rigid trisaccharide" <i>Yadiel Vazquez, MPI Golm</i>
12:00-12:10	FL13 "Glycosylation-aware molecular simulations of CD44–TLR4–MD-2 super complex" <i>Mariia Savenko, Czech Academy of Science, Prague</i>
12:10-12:25	OC17 "A new approach to produce isotopically enriched N-glycan standards and their use for glycan quantification" <i>Jon Quintana, CIC biomaGUNE</i>
12:25-12:40	OC18 "Development of pathoblockers targeting EclA: A novel lectin from Enterobacter cloacae" <i>Beshoy Tawfik, Helmholtz Institute for Pharmaceutical Research</i>
12:40-12:47	FL15 "Elucidating the Molecular Recognition of Human Milk Oligosaccharides Mimetics by different genotypes of Noroviruses" <i>Henry Flatau, IIQ, Seville</i>
12:47-12:57	FL16 "Design and Sustainable Synthesis of Antiviral Glycodendrimers Derived from Plastic Waste: Toward a Circular Glycochemistry" <i>Maria Hernaiz, Complutense University</i>
12:57-13:04	FL17"Fluorinated Galectins for Monitoring Glycan Recognition in Complex Environments" <i>Milena Bartoloni, CIC bioGUNE</i>
13:04-13:11	FL18 "Probing the Role of Water in the Anomeric Axial–Equatorial Distribution of Pyranoses through Rotational Spectroscopy" <i>Aran Insausti, Universidad del País Vasco (UPV/EHU)</i>
13:11-13:26	Asparia Glycomics SL presentation
13:30-14:30	Lunch