



# 6<sup>th</sup> Meeting of the Human Glycome Project

Split, Croatia,  
October 8-11, 2025

CONSOLIDATING AN APPROACH  
IN PERSONALISED AND PREVENTIVE MEDICINE



POWERED BY  
**SYNHEALTH**  
Synergy for Healthy Longevity

Welcome to the 6th Meeting of the Human Glycome Project!  
Since its beginning in Dubrovnik in 2016, the Human Glycome Project has grown into a vibrant community that continues to achieve new milestones and set ambitious goals.

This year's meeting brings together leading experts in glycobiology from Europe, the US, and Asia, with a strong balance of senior and junior researchers. Alongside the Human Glycome Project, we will also highlight the SynHealth, AttractAdria, and GlycanSwitch projects, creating opportunities to strengthen our network and launch new initiatives.

Once again, we gather at the wonderful Lav Le Meridien hotel, and I look forward to three inspiring and enjoyable days of glycobiology with all of you.

Gordan Lauc



# Wednesday, October 8<sup>th</sup>, 2025

19:30 Working Dinner

# Thursday, October 9<sup>th</sup>, 2025

## Section 1: Opening Session

Chair: Manfred Wuhrer

TIME	SPEAKER	INSTITUTION	TITLE
9:00	Gordan Lauc	Genos	Opening of the 6th Meeting of the Human Glycome Project
9:10	Pauline Rudd	University College Dublin	A discovery platform to explore pathways that control glycosylation in multi-omics systems biology
9:40	Gordan Lauc	Genos	What did we learn from the first 250,000 human glycomes
10:10	Manfred Wuhrer	LUMC	Towards an integrated analysis of disease glycomic signatures

10:40 Coffee Break

## Session 2: Regulation of protein glycosylation

Chair: Gordan Lauc

TIME	SPEAKER	INSTITUTION	TITLE
11:00	Yurii Aulchenko	GSK	Genetic control of populational variation of human protein N-glycosylation
11:25	Anna Soplenkova, Anna Timoschuk	IAI MSU	Reconstructing N-Glycomes of Individual Glycoproteins from Total Plasma N-Glycome: Synthetic GWAS of Immunoglobulin G N-glycosylation
11:50	Anika Mijakovac	Genos	Next Generation CRISPR/dCas9 Platforms for Mechanistic Studies of Antibody Glycosylation
12:15	Ivan Gudelj	Genos	Effects of fasting on the IgG glycome

12:40 Lunch

## Session 3



### Session 3 – AttractAdria Opening Event

Chair: Tamer Bego

#### Joint session with the Horizon Project Attract Adria

TIME	MODERATOR	INSTITUTION	SESSION
14:00	Tamer Bego	<i>University of Sarajevo</i>	Welcome & Opening Remarks High-level visibility, policy anchoring
14:10	Alisa Elezović	<i>University of Sarajevo</i>	AttractAdria: Vision, Goals & Impact
14:30	Danijel Pavlica	<i>F6S</i>	Panel 1: Building Attractive Research Careers in the Adria Region
15:00	Ivana Gulišija	<i>Genos</i>	Panel 2: From Science to Society: Personalised Healthcare in the Adria Region
15:30			Coffee Break
15:50	Adna Ašić	<i>Verlab Institute</i>	Roundtable: Funding and Sustainability for Young Researchers
16:20	Project partners		Sister Projects & European Synergies Position AttractAdria within HEU & ERA context
16:50	Young Researchers and Stakeholders		Interactive Session: Voices from Community
17:20	Tamer Bego	<i>University of Sarajevo</i>	Closing Remarks & Next Steps Wrap-up & outlook
17:30			Networking time
19:30			Working Dinner

# Friday, October 10<sup>th</sup>, 2025

Session 4: Towards Glyco-Diagnostics

Chair: Celso Reis

Joint session with the Horizon SynHealth project

TIME	SPEAKER	INSTITUTION	TITLE
9:00	Sodbo Sharapov	IAI MSU	A genome-wide association study in 10,000 individuals links plasma N-glycome to liver disease and anti-inflammatory proteins
9:25	Andras Guttman	Universities of Debrecen and Pannonia	Artificial intelligence supported serum N-glycome analysis-based prediction of the effectiveness of chemotherapy treatment in lung cancer
9:50	Rebeka Török	University of Pannonia	Early type 2 diabetes screening by combining high-resolution capillary electrophoresis separation and machine learning supported data evaluation
10:15	Gabor Jarvas	University of Pannonia	referenCE: a fully automated application for capillary electrophoresis-based glycan analysis
10:40	Coffee Break		

Session 5: Glycosylation changes in disease

Chair: Celso Reis

TIME	SPEAKER	INSTITUTION	TITLE
11:10	Celso Reis	I3S	Novel insights into the role of glycosylation in oncogenic processes and clinical applications
11:30	Robert de Vries	Utrecht University	Human influenza A virus receptor binding evolution
11:50	Erdmann Rapp	MPI Magdeburg	Localising a rare and frequently overlooked N-glycan motif on human plasma proteins: Sulfation
12:10	Tomislav Klarić	Genos	Breaking the rules: How phosphorylated N-glycans in the brain defy the canonical model
12:30	Dalma Dojcsák	University of Miskolc	Exploring Clinical Associations in Serum and Insulin-Specific IgG N-Glycome in Type 1 Diabetes
12:50	Lunch		

**Session 6: Joint section with ERC Synergy GlycanSwitch project**

Chair: Tom Huizinga

TIME	SPEAKER	INSTITUTION	TITLE
14:00	Tom Huizinga	<i>LUMC</i>	IgG glycosylation in rheumatoid arthritis
14:30	Rene Toes	<i>LUMC</i>	Glycosylation of autoantibodies in rheumatic diseases: is it all the same?
15:00	Barbara Radovani Trbojević	<i>Genos</i>	FcRn as a Modulator of IgG Glycosylation: Insights from Inflammation Models
15:30	Samia Mora	<i>Harvard Medical School</i>	Harnessing Glycomics for Cardiovascular Precision Medicine
16:00	Coffee Break		

**Session 7: Neuroglycoscience**

Chair: Tomislav Klarić

TIME	SPEAKER	INSTITUTION	TITLE
16:30	Borna Rapčan	<i>Genos</i>	The Library of Brain Glycans: a resource for researchers in the field of neuroglycobiology
16:55	Ugnė Kuliešiūtė	<i>Vilnius University</i>	The N-glycome of normal and epileptic human brain
17:20	Eniko Gebri	<i>University of Debrecen</i>	Serum N-glycosylation changes in vascular dementia
17:40	Camille Hours	<i>Université Paris Cité</i>	How do adverse pregnancy conditions impact protein glycosylation in the developing brain?
18:00	Networking time		
19:30	Working Dinner		

**Friday, October 11<sup>th</sup>, 2025****Informal networking sessions.**

## General Information

### VENUE

Le Méridien Lav Hotel  
Grljevačka 2a, Podstrana, 21  
312 Split, Croatia

### DATES

October 8 – 11  
2025

### REGISTRATION DESK OPENING HOURS

#### Wednesday

October 8th, 2025:  
18:30 – 19:30

#### Thursday

October 9th, 2025:  
08:30 – 17:30

#### Friday

October 10th, 2025:  
08:30 – 18:00

### PROFESSIONAL CONGRESS ORGANIZER (PCO)

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# See you in 2026

[www.human-glycome.org](http://www.human-glycome.org)

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