

## AGENDA

DAY 1 - 7<sup>th</sup> April, 2025

- 08.30** Meeting point at the entrance of the **Complesso Universitario Monte Sant'Angelo**
- 09.20 **Welcome and Introduction** - Antonio Molinaro  
Structural N-Glycoscience: chemical/biophysical approaches toward understanding  
"novel N-glycans out of the blue"
- 09.30-10.30 **Exploring the N-glycosylation machinery across the three domains of the life** (J. Eichler)
- 10.30-11.30 **Extraction and purification of glycans from different sources** (A. Notaro)
- 11.30 *Coffee break*
- 12.00-13.00 **Structural characterization via chemical analysis** (I. Speciale)
- 13.00 *Lunch*
- 14.00-14.30 **GC-MS up close** (I. Speciale)
- 14.30-15.30 **Spectrometric analysis: MALDI & ESI** (F. Di Lorenzo)
- 15.30-16.30 **Practical session: MALDI & ESI** (M. Mercogliano)
- 16.30 *Coffee break*
- 17.00-18.00 **NMR Lesson I. Basic knowledge of NMR spectroscopy** (R. Marchetti)
- 20.00 *Networking Dinner at Osteria da Ciccio e Mery*  
[go to map](#)



## AGENDA

DAY 2 - 8<sup>th</sup> April, 2025

- 09.30-10.30 **NMR Lesson II. NMR of glycans: From oligosaccharides to glycoproteins**  
(J.J. Barbero)
- 10.30-11.30 **Chemical physical techniques for glycans recognition and interaction** (M.P. Lenza)
- 11.30 *Coffee break*
- 12.00-13.00 **Overview of complementary approaches used for the structural characterisation of glycans** (N. Mati-Baouche)
- 13.00 *Lunch*
- 14.00-15.00 **Activity based probes and enzyme specificity in a “post-CAZY post-AlphaFold” world** (G. Davies)
- 15.00-16.00 **Rational Design of Glycosidase Inhibitors and Activity-Based Probes Informed by Enzyme Structure and Mechanism** (M. Artola)
- 16.00 *Coffee break*
- 16.30-17.30 **Modeling/prediction of glycosidase conformational catalytic itineraries** (C. Rovira)
- 20.00 *Dinner at Regina Margherita*  
[go to map](#)

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### DAY 3 - 9<sup>th</sup> April, 2025

- 09:30-09:35 **Introduction** (Buiarelli Flavia, REA Project Officer, European Commission and Antonio Molinaro, Project Coordinator, UNINA). *Short introduction by the REA Project Officer and the Project Coordinator on the purpose of the meeting*
- 09:35-10:00 **Tour de table**. *All scientist-in-charge should briefly present their research team and describe their role within the network. Introduction of the Associated Partners*
- 10:00-10:20 **REA Project Officer presentation** (Flavia Buiarelli, REA Project Officer, European Commission). *Presentation on the monitoring of project implementation, reporting and purpose of the mid-term check:*
- MTM objective
  - Assessment of recruitment / Reminder of DCs rights & obligations
  - Project Management
  - Reporting & finance
  - Communication, Dissemination, Exploitation, Synergies
  - Useful links & reference documents
- 10:20-11:00 **Coordinator's report** (Antonio Molinaro, UNINA). *Presentation of the Network and the progress covering the following aspects:*
- Recruitment report;
  - Deliverables;
  - Milestones;
  - Ethical issues, if applicable;
  - Management meetings (activities of the Supervisory board, etc.);
  - Financial aspects (if necessary);
  - Critical implementation risks and mitigation actions;
  - Any proposed re-orientations of the networks' activities;
  - Document management and Open Science, if applicable.



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- 11:00-11:10 *Coffee break*
- 11:10-12:30 **DCs Individual presentation** (5' -10' each):  
DCs (starting from DC1) will present themselves, their background and their individual research project (foreseen research, training, secondments, etc.). Scientific results are not expected in the presentations at this stage of the project.
- 12:30-13:30 *Lunch*
- 13:30-14:30 **Restricted session with the DCs.** Meeting between the DCs and the REA Project Officer about their experiences within the network in terms of training foreseen, supervision arrangements, progress and impact on their future careers.
- 14:30-14:45 **Restricted session.** Meeting between the coordinator and REA Project Officer to discuss any issue.
- 14:45-15:15 **Feedback and open discussion.** Feedback from the REA Project Officer on the output of the network so far, on possible training areas for future exploitation or the impact on DCs' future careers development.
- 15:15 **End of meeting**

