



ISTITUTO · G. RONZONI
CHEMICAL AND BIOCHEMICAL RESEARCH
NONPROFIT RESEARCH FOUNDATION

Engineering Carbohydrates: Functional Modification of Poly- and Oligosaccharides

8th May 2026, University Milano-Bicocca

Aula Marchetti, U1 Building, Piazza della Scienza, 3 - 20126 Milano

University of Milano-Bicocca, in collaboration with the Istituto Scientifico di Ricerche Chimiche e Biochimiche G. Ronzoni, is pleased to announce a one-day workshop at the University of Milano-Bicocca dedicated to the functional modification of poly- and oligosaccharides with the support of the European Polysaccharide Network of Excellence (EPNOE). The event is designed for a broad audience including PhD candidates, postdoctoral researchers, master's students, early-career scientists, but also all experts from academia and industry working in carbohydrate chemistry. The seminar will be held in hybrid form, in presence and online.

Final program

10.00 – 10.45	Synthetic strategies to polysaccharides for functional studies	Federica Compostella, Luigi Lay (UNIMI)
10.45 – 11.30	Regioselective sulfation of polysaccharides	Emiliano Bedini (UNINA)
11.30 – 11.45	Break	
11.45 – 12.30	Biomaterials and Medical Translation: From AI guided systems to Medical Devices	Laura Russo (UNIMIB)
12.30 – 14.00	Lunch	
14.00 – 14.45	Polysaccharide-water interactions in adhesion mechanisms	Irene Tagliaro, Carlo Antonini (UNIMIB)
14.45 – 15.30	Characterization of modified functional groups of polysaccharides	Sabrina Bertini (Ronzoni)
15.30 – 15.45	Break	
15.45 – 16.30	Tailoring Cellulose Nanocrystals surface chemistry for advanced applications	Barbara La Ferla, Luca Zoia (UNIMIB)

Register to the webinar with the form: <https://forms.gle/YybddXeivS6Dahe17>

Join from the webinar link:

<https://unimib.webex.com/unimib/j.php?MTID=m05ae27e3e588defab9869a68a6f60d54>

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