

10 November
2025
9:00 - 17:00

Department of
Molecular Biotechnology
and Health Sciences,
University of Turin
Piazza Nizza 44 bis, 10126
Torino

Mucins, Mucus, and Mucosa

**Multidisciplinary perspectives across Biology,
Biotechnology and Biomaterials**

**A one-day workshop exploring innovative
approaches for harnessing and targeting mucus**

Mucosal tissues represent dynamic biological interfaces involved in protection, communication, and selective exchange between the body and the external environment. Mucins play a vital role in shaping these interfaces through their biochemical diversity, viscoelastic properties, and interactions with cells, microbes, and therapeutic agents.

This one-day workshop will bring together experts from biology, biotechnology, and biomaterials science to explore the latest discoveries and interdisciplinary approaches for targeting and engineering mucus, and mucosal surfaces.

Keynote speakers



Alessandra Ghigo
UniTo



Daniela Pacheco
Bac3Gel Lda



Oliver Lieleg
TUM

Final round table with keynote speakers
8 oral presentations selected from the submitted abstracts

Topics will include

- Innovative drug delivery platforms targeting mucosal tissues
- Engineering mucin-based biomaterials and coatings
- Translational perspectives in mucosal therapy development
- Mucosal models for studying drug diffusion, and microbial interactions

**Register
here**



**Free
event**

Extended deadline 1/11/2025

Maggior sostenitore:



**Fondazione
Compagnia
di San Paolo**

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