



Scuola di Specializzazione
IGIENE & MEDICINA PREVENTIVA
Direttore: Prof.ssa Anna Odone
UNIVERSITÀ DI PAVIA



**PhD
One Health**



PHD ONE HEALTH MONTHLY SEMINARS

23 July 2025

16:00 – 18:00

Online seminar

How Molecular Simulations Help Design Better Biosensors and Nanomedicine for One Health

Introduction by:

Prof. Anna Odone

*Coordinator of the National PhD in One health approaches to infectious diseases and life science research
University of Pavia*



Speaker: Dr. Giorgia Brancolini

Dr. Brancolini is a Senior Researcher at the Institute of Nanoscience, National Research Council of Italy (CNR). Her research activity focuses on multiscale modeling of biomolecule–nanomaterial interfaces, biological macromolecules, and protein folding dynamics, using methods ranging from ab initio calculations to atomistic and coarse-grained molecular dynamics. She is Principal Investigator of several national and international research projects, including the PNRR Extended Partnership (Network 13 – One Health Basic and Translational Research Actions).

- The seminar is part of the training activities of the National PhD in “One health approaches to infectious diseases and life science research” for the module *CONTEXT curriculum*.
- Participation is free of charge and worth 0.5 CFU. To participate, register at the following link (<https://forms.gle/mjCNWifysRQZq4wT9>) before July 22, 2026