

## ORGANIZING COMMITTEE

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- Prof. Silvia CAUTERUCCIO
- Prof. Elena CARIATI
- Dr. Francesco FAGNANI
- Dr. Daniele MALPICCI
- Dr. Federico TURCO
- Dr. Luca ZECCHINELLO
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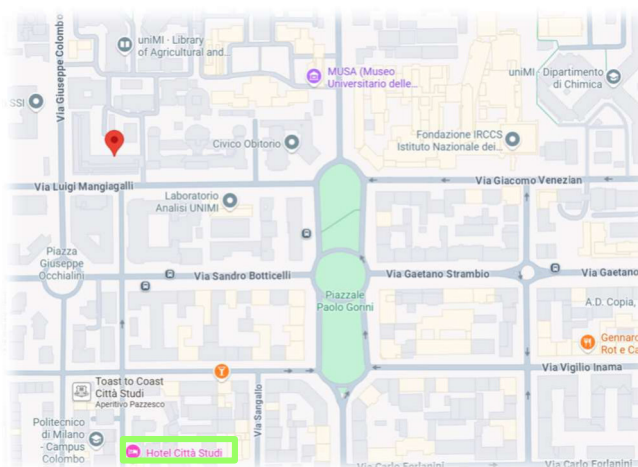


### SEED 4EU+ Project PHOBAT

Advanced photoluminescent platform for  
bacterial treatment



## WORKSHOP VENUE



### AULA C03

Via Mangiagalli 25 Milano

**M4** Susa

**M2** Piola



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DI MILANO

## WORKSHOP SEED4Eu+

### PNA and Photoactive Systems for Antimicrobial Applications

Milano (Italy)  
18-19 September 2025



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3-4 July 2025, SEED4EU+ WORKSHOP in WARSAW

## 18 September

- 9:30-10:00 ● **Opening Remarks and Welcome** (University of Milan)
- 10:00-10:35 ● **Joanna Trylska** (University of Warsaw)  
*Delivering peptide nucleic acid oligomers to E. coli cells through the TonB-dependent transport system*
- 10:35-11:30 ● *Coffee break*
- 11:30-12:00 ● **Andrea Fin** (University of Turin)  
*Isomorphic emissive nucleobases in PNA chemistry*
- 12:00-12:15 ● **Monika Wojciechowska** (University of Warsaw)  
*Peptide nucleic acids as sequence-specific inhibitors of bacterial ribosome function*
- 12:15-12:30 ● **Uladzislava Tsylents** (University of Warsaw)  
*Hydroxamate siderophores as peptide nucleic acid carriers into bacterial cells*
- 12:30-14:00 ● *Lunch break*
- 14:00-14:30 ● **Francesca Cardano** (University of Turin)  
*Design insights toward new bright probes in chemical biology*
- 14:30-15:00 ● **Timothée Cadart** (Charles University)  
*Design of Fluorescent Azonia Salts in the Development of Medicinal Probe*
- 15:00-15:15 ● **Paolo Bonino** (University of Turin)  
*Micellar catalysis as a green method to build C-C bonds and molecules for potential applications*

## 19 September

- 9:30-10:00 ● **Jiří Mosinger** (Charles University)  
*Generation of singlet oxygen in photoactive systems*
- 10:00-10:30 ● **Carlo Matera** (University of Milan)  
*Light-Responsive Molecular Tools for Biomedical Applications*
- 10:30-11:15 ● *Coffee break*
- 11:15-11:30 ● **Vojtěch Liška** (Charles University)  
*Photoactive nanoparticles for antibacterial, antiviral and antifungal applications*
- 11:30-11:45 ● **Luca Zecchinello** (University of Milan)  
*New versatile room temperature phosphorescence systems based on triazinic core*
- 11:45-12:00 ● **Federico Turco** (University of Milan)  
*Synthesis of photoactive luminescent PNA bioconjugates*
- 12:00-12:15 ● **Closing and Remarks**
- 12:15-13:30 ● *Lunch break*
- 13:30-15:00 ● **Roundtable and Discussion**



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