

ELIXIR-IT, in collaboration with the University of Milano Bicocca and SysBio, is pleased to announce the “Summer School on Metabolic Modeling”, taking place **17–19 September 2025** at the Department of Biotechnology and Biosciences, University of Milano-Bicocca, Italy.

The Summer School on Metabolic Modeling offers an in-depth, hands-on overview of current methods in computational systems biology, with a focus on metabolic networks. Participants will explore:

- Constraint-based modeling and data integration
- Kinetic and multiscale models of central metabolism
- Applications of machine learning to metabolic systems

The school is designed for PhD students, postdocs and researchers interested in learning both the theoretical foundations and practical tools for modeling metabolism across biological scales.

**Preliminary Programme:** [Link](#)

#### Organizing and Scientific Committee

Marco Vanoni, Chiara Damiani, Pasquale Palumbo and Valentina Pasquale

#### Fee and application

The course does not include a fee.

To apply for the Summer School on Metabolic Modeling, please fill the [form](#).

For any inquiries, feel free to contact the organizers at the following email address:

 [metabolicschool@gmail.com](mailto:metabolicschool@gmail.com)

Seats Available: Limited to 40 participants

Application Deadline: **25th August 2025**. Selected participants will be notified by the 29<sup>th</sup> of August 2025.

#### Teaching Language

Suitable for English-speaking participants.

#### Requirements

It is recommended the participants have a portable computer for hands-on and tutorial session.

#### Venue

The course will be held at the Department of Biotechnologies and Biosciences of University of Milano located in Piazza della Scienza 2, Milan, Building Bios (U3), room U3-08, ground floor.