



European Summer School on Industrial Biotechnology (ESSIB2018) *Marine Biotechnology* Naples, 8-12th October, 2018

The European Summer School on Industrial Biotechnology (ESSIB) is organized by the University of Milano-Bicocca (Department of Biotechnology and Biosciences), the University of Stuttgart (Institute of Biochemistry and Technical Biochemistry), and the Universitat Autònoma de Barcelona (Department of Chemical, Biological and Environmental Engineering). ESSIB addresses PhD students and postdocs, preferentially from European laboratories, and will take place every year in a different country and with a different focus. ESSIB is a complete educational program based on lectures, practical laboratory experience, and contacts with companies active in the field. ESSIB is an intensive one-week course from Monday to Friday. Lectures and laboratory courses are provided by local and invited speakers.

The 5th ESSIB edition will be held in Naples with a focus on Marine Biotechnology.

Course description

The Marine Biotechnology Summer School will address major issues relevant for the sustainable exploitation of marine resources for application in biotechnology, food processing, biomaterials, chemicals.

Major topics:

- Biomolecules and pharmaceuticals
- Biomaterials
- Bioremediation
- Use of fishery discards as raw materials
- Aquaculture
- Marine litter
- Reducing, reuse, and recycling to achieve circular economy

Laboratory courses:

1. "From samples to molecules" (Institute of Protein Biochemistry, CNR)
2. "A long experience in marine environments" (Stazione Zoologica Anthon Dorn)

Organisers and location

Donatella de Pascale, Fortunato Palma Esposito
Institute of Protein Biochemistry - IBP-CNR
National Research Council of Italy
Via Pietro Castellino, 111
80131 Naples, ITALY

Confirmed lecturers

Gercende Curtois de Viscose	University of Gran Canaria, ES
Adriana De Lucia	ARTERRA, Naples, I
Chiara Lauritano	SZN "Anthon Dohrn", Naples, I
Antonella Leone	ISPA-CNR, Lecce, I
Marina Lotti	University Milano-Bicocca, I
Patrizio Mariani	DTU, Copenhagen, DK
Clementina Sansone	SZN "Anthon Dohrn", Naples, I
Ranghild Wittaker	NOFIMA - Oslo, NO

Fees and registration

The policy of this Summer School is to keep fees as low as possible in order to support the participation of young researchers. Fees for this year are **500 €**, including accommodation and lunch.

To apply, please send by **June 15th, 2018**

- CV including current research topics
- motivation letter
- supporting letter by your supervisor to

ESSIB2018@unimib.it

We will ask you to register and pay for the fees after this deadline.

 Consiglio Nazionale delle Ricerche

More detail at: <http://www.ESSIB.eu>