



## 3rd CYCLON HIT SUMMER SCHOOL

### Photoactivable antibacterials: from basic concepts to practical applications

**Bologna, September 26 – 28, 2016**

**VENUE:** Bologna, CNR Area della Ricerca  
Via Piero Gobetti 101, Centro Congressi, Room 216

**ORGANIZERS:** Dr. Ilse Manet, ISOF-CNR, [ilse.manet@isof.cnr.it](mailto:ilse.manet@isof.cnr.it)  
Prof. Salvatore Sortino, Università di Catania, [ssortino@unict.it](mailto:ssortino@unict.it)

#### SCOPE:

In the frame of the Marie Curie ITN Network, FP7-CYCLON HIT (**NANOCARRIERS FOR THE DELIVERY OF ANTIMICROBIAL AGENTS TO FIGHT RESISTANCE MECHANISMS**) a summer school will be organized in Bologna, dedicated to photochemistry and its applications to photoactivable antibacterials.

The school is addressed to PhD students and early stage researchers or scientists interested in an introduction to photophysical and photochemical methods as well as design and applications of photoactivable antibacterial systems. A certificate of attendance will be delivered. The detailed program will be soon available.

#### TOPICS AND TEACHERS

- Excited State Creation and Deactivation (*P. Ceroni, University of Bologna*)
- Absorption and Emission Spectroscopy (*A. Credi, University of Bologna and B. Ventura, ISOF-CNR Bologna*)
- Time Resolved Fluorescence (*G. Bergamini, University of Bologna*)
- Time Resolved Absorption (*B. Koen, University of Toledo*)
- Determination of quantum yields (*S. Silvi, University of Bologna*)
- Energy Transfer-Electron Transfer (*A. Barbieri, ISOF-CNR*)
- Fluorescence Microscopy (*I. Manet, ISOF-CNR*)
- Singlet Oxygen and PDT (*I. Manet, ISOF-CNR*)
- Light activated Nitric oxide delivery (*S. Sortino, University of Catania*)
- Antibacterial metal nanoparticles (*S. Sortino, University of Catania*)
- Antibacterial Carrier systems (*F. Quaglia, University of Naples*)
- Photoalkylating antibacterials (*M. Freccero, University of Pavia*)
- Two-photon excitation imaging (*M. Ericson, University of Gothenburg*)

## REGISTRATION:

Deadline: July 15, 2016

Participation is subjected to payment of a **registration fee of 150 €**, which includes attendance of all lectures, electronic copy of the slides, the coffee breaks of September 26, 27, and 28, and the lunches of September 27 and 28. Payment is possible via bank transfer on the account of the Italian Photochemistry Group (GIF):

**Account holder:** Gruppo Italiano di Fotochimica  
**IBAN:** IT85 N033 5901 6001 0000 0067 181  
**Swift:** BCITITMX

**IMPORTANT**, mention as the reason for transfer: **“CyclonHit 3rd Summer School at CNR - Surname, Name”**

Please note: participants pay for all bank charges, i.e. also foreign ones. Do not forget to instruct your bank to process the remittance “free of all charges for the beneficiary”.

Participants have to register online at the following link: [registration link](#)

## ACCOMODATION:

For accomodation we advise you to look on the websites offering hotel accommodation at competitive prices. **We advise you to reserve as soon as possible** due to the concomitance of an international exposition in Bologna:

## PUBLIC TRANSPORT

The meeting takes place at the Bologna Research Area in Via Piero Gobetti 101, Bologna. Walking distance from the railway station to the CNR is about 20 minutes. The conference site is easily accessible by car, taxi or public transport.

GPS: 44°31'19.0"N, 11°20'16.5"E.

The official website of the public transport agency in Bologna is:

<https://www.tper.it/>

Bus 87 stops in front of the CNR as well as close to the railway station in via dell'Indipendenza.

For further information see also websites:

<http://itn-cyclonhit.eu/>

and/or

[ISOF news](#)



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