



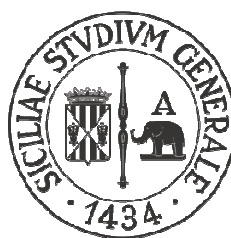
## 3rd CYCLONHIT SUMMER SCHOOL

**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)



**UNIVERSITÀ  
degli STUDI  
di CATANIA**

## Monday, September 26

14.15 **OPENING**

14.30-15.30 Formation and deactivation of excited states and excited state properties

**Paola Ceroni (Bologna University)**

15.30-16.30 Electronic absorption and emission spectroscopy

**Barbara Ventura (ISOF-CNR)**

16.30-17.00: coffee break

17.00-17.45: Determination of photophysical and photochemical quantum yields.

**Serena Silvi (Bologna University)**

## Tuesday, September 27

9.00-10.00 Electronic absorption and emission spectroscopy with polarized light

**Alberto Credi (Bologna University)**

10.00-11.00 Time-resolved emission

**Giacomo Bergamini (Bologna University)**

11.00-11.30: coffee break

11.30 - 12:15 Time-resolved absorption

**Mirco Natali (Ferrara University)**

12.15 – 13.00 Energy transfer and electron transfer

**Andrea Barbieri (ISOF-CNR)**

13.00 : lunch

14:30 - 15:15 Laser scanning confocal fluorescence microscopy and super resolution imaging

**Ilse Manet (ISOF-CNR)**

15.15 – 16.00 Two-photon excitation fluorescence imaging of cells and tissues

**Marica Ericson (Gothenburg University)**

## Wednesday, September 28

9.00 - 10:00 Photosensitizers for photodynamic therapy (PDT) and generation and detection of singlet oxygen

**Ilse Manet (ISOF-CNR)**

10.00 – 11.00 Polymeric Carrier systems and applications in PDT for bacterial infections

**Fabiana Quaglia (Naples University)**

11.00-11.30. coffee break

11.30 – 12.30 Nitric oxide photodelivering molecular assemblies for the treatment of infectious diseases

**S. Sortino (Catania University)**

12.30 : lunch

14.00-15.00 Bactericidal Photoactivable metal-based nanoparticles

**S. Sortino (Catania University)**

15.00 - 16:00 Photoalkylating Agents and other photoactivable systems with antibacterial potential

**Mauro Freccero (Pavia University)**

16.00-16.30: coffee break

16.30 – 17.15 Commercialising research: from lab to products

Nanologica's journey as a small company supplying the pharmaceutical industry

**Adam Feiler (Nanologica, Sweden)**

**END OF SCHOOL**

**We gratefully acknowledge the following companies for their support**



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