



# Bio-Inspired Nanotechnologies



## COST Thematic Workshop

### Integrated approaches for biomolecular detection: nanostructures, biosensors and lab-on-chip devices

April 28-30, 2014

Scuola Superiore di Catania, Catania (Italy)

The workshop is organized within the framework of the **COST Action TD1003 Bio-inspired nanotechnologies: from concepts to applications** ([www.bioinspired-nano.eu](http://www.bioinspired-nano.eu)) and will feature lectures and poster presentations given by leaders in the field from research centers and industry.

#### Focus topics:

Nanostructures and molecular assemblies, Biosensing, Integrated devices and microfluidics.

#### Invited speakers:

**Fabio Beltram**, Scuola Normale Superiore, Italy

Nanotechnology and New Paradigms for Nanomedicine: Molecular Sensing and Delivery

**Luisa De Cola**, I.S.I.S. Université de Strasbourg, France; Karlsruhe Institut of Technology, Germany

“Interactions of Cells with Soft and Hard Materials”

**Andrew J. deMello**, ETH Zurich, Switzerland

“Splendid Isolation: Using Picoliter Droplets in Chemistry and Biology”

**Luigi Occhipinti**, Cambridge University, United Kingdom

“Heterogeneous Integration Technologies for Smart Systems in Healthcare”

#### Organizers:

**Giuseppe Spoto**, University of Catania ([gspoto@unict.it](mailto:gspoto@unict.it))

**Maria Minunni**, University of Florence ([maria.minunni@unifi.it](mailto:maria.minunni@unifi.it))

#### Venue:

Scuola Superiore di Catania, Villa San Saverio

Via Valdisavoia 9, Catania

#### Workshop secretariat

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