

13th December

NANODEVICES

9:00 – 10:00

Riccardo Bertacco – Physics Department,
Politecnico di Milano

*New approaches to malaria diagnosis based
on hemozoin nanocrystals*

10:00 – 11:00

Gaetano Scamarcio – Physics Department,
Università degli Studi di Bari Aldo Moro

*Biofunctionalized interfaces for molecule
detection at the physical limit*

11:00 – 11:30 **Coffee break**

11:30 - 12:30

Paolo Decuzzi – Italian Institute of
Technology, Genova

*Mechano-pharmacological activity of
polymeric nanoconstructs for controlled
drug delivery and biomedical imaging*

12:30 – 12.45 **Closing remarks**

12:45 - 13:45 **Lunch**

Sponsor



Dipartimento di
Scienze Chimiche e
Farmaceutiche

LIFE FROM INSIDE

Deadlines

Early bird registration: November 22nd

Late registration: December 6th

Abstract submission: November 22nd

Info

www.ba.ic.cnr.it/nanomedicine2019/

or write to nanomedicine2019@ic.cnr.it

Scientific Committee

T. Da Ros (University of Trieste & INSTM)

C. Giannini (CNR-IC & INSTM)

D. Peddis (University of Genoa, INSTM,
CNR- ISM)

C. Sangregorio (CNR- ICCOM & INSTM)

Organizing Committee

T. Da Ros (University of Trieste &
INSTM)

R. Lassandro (CNR-IC)

T. Sibillano (CNR-IC)

University of Trieste
11th – 13th December 2019

School of Nanomedicine

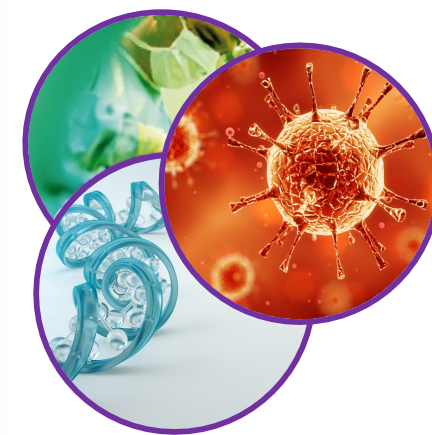
Topics:

Nanodrugs

Materials for Nanomedicine

From Bench to Bed

Nanodevices



Patronage



science
is
Scool
Cultural Preservation

11th December

13:30 – 14:30 **Registration**

14:30 – 14:45 **Welcome speech**

NANODRUGS

14:45 – 15:45

Julijana Kristl – Faculty of Pharmacy –
University of Ljubljana, Slovenia

*Strategies for formulation of nanofibrous
delivery systems for use in local treatment
of periodontal disease*

15:45 – 16:45

Lucia Curri – Chemistry Department –
Università degli Studi di Bari Aldo Moro
*Engineering surface chemistry of colloidal
nanomaterials: tune nano-bio interface for
biomedical applications*

16:45 – 17:15 **Coffee break**

17:15 – 18:15

Francesco Ricci – Department of Chemical
Sciences and Technologies – Università di
Roma Tor Vergata
*Nature-inspired tricks to control DNA-
based nanodevices*

18:30 – 20:00 **Poster session**

12th December

MATERIALS FOR NANOMEDICINE

9:00 – 10:00

Christian Demitri – Engineering for
Innovation Department – Università del
Salento, Lecce

*Chemical physical properties of hydrogels
for biomedical applications*

10:00 – 11:00

Teresa Pellegrino – Italian Institute of
Technology, Genova

*Magnetic hyperthermia combined with drug
delivery exploiting magnetic nanoparticles-
based platforms to tackle cancer*

11:00 – 11:30 **Coffee break**

11:30 – 12:30

Maria Grazia Raucci – Institute of Polymers,
Composites and Biomaterials (IPCB-CNR),
Napoli

*Effect of functionalized polymers on cellular
response*

12:30 – 13:30

Anna Tampieri – Institute of Science and
Technology of Ceramics (ISTEC-CNR),
Faenza

*Nature inspires nano-structured materials
and particles for tissue regeneration and
theranostics*

13:30 – 15:00 **Lunch**

12th December

FROM BENCH TO BED

15:00 - 16:00

Maurizio Prato – Department of Chemical
and Pharmaceutical Sciences – Università
degli Studi di Trieste
*Nanostructured interfaces for applications
in biology and medicine*

16:00 – 17:00

Roberto Pini – Institute of Applied Physics
"Nello Carrara" (IFAC-CNR), Pisa
*Light-enhanced plasmonic nano-platforms
for tumor theranostics and sensing of
neurodegenerative diseases*

17:00 – 17:30 **Coffee break**

18:00 – 19:30 **Special session**

Science is cool!

Paolo Netti & Pietro Greco conversation

[open to the public audience – In Italian]

20:30 **Social Dinner**