



CRS Italy Chapter Annual Workshop

18-20 October 2018

SCIENTIFIC COMMITTEE

Paolo Caliceti
Francesco Cilurzo
Giuseppe Colombo
Paolo Decuzzi
Ida Genta
Piero Iamartino
Nadia Passerini
Massimo Pedrani
Chiara Sinico
Francesca Mastrotto
Pietro Matricardi

CONFIRMED INVITED SPEAKERS

Gennara Cavallaro (Palermo)
Alessandro Dal Piaz (Ferrara)
Giuseppe De Rosa (Naples)
Stefaan de Smedt (Gent)
Marco M. Gentile (L'Aquila)
Giovanna Lollo (Lyon)
Silvia Muro (Barcellona)
Teresa Pellegrino (IIT, Genova)
Veronique Preat (Lovanio)
Koen Raemdonck (Gent)
Eliana Souto (Coimbra)
Arto Urtti (Helsinki)
Jan C.M. van Hest (Eindhoven – NL)
Tina Vermonden (Utrecht)



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



Società Chimica Italiana
Divisione di Tecnologia
Farmaceutica

Advances in Drug Delivery and Biomaterials: facts and vision

Aim of the Workshop

Drug delivery and Biomaterials are different area of science but, at the same time, are tightly related and intertwined.

The 2018 CRS Italy Chapter Annual Workshop aims to explore the more recent advances in the design and development in these areas.

Many colleagues coming from Europe will participate to the Workshop, to stimulate the discussion, to explore new frontiers and to tackle new horizons.

To foster the discussion on recent researches and networking opportunities among attendees, all poster presenting authors are asked to provide a short talk.

10 minutes presentation followed by 5 minutes discussion will be scheduled in the dedicated poster area. Only a limited number of posters (about 40) will be selected.



Workshop Program

DAY 1
THURSDAY OCTOBER 18

12.00 – 14.00	Registration	15.15 – 16.00	Melanin binding: approach targeted drug delivery? • Arto Urtti - University of Helsinki
14.00 – 14.30	Symposium Opening Address and Program Presentation • Paolo Caliceti - Workshop chair • Pietro Matricardi - President of Controlled Release Society CRS Italy Chapter	16.00 – 16.45	Nanomedicine in cancer: toward overcoming chemoresistance • Giuseppe De Rosa - University of Naples
Session 1		Poster session 1 (16.45 -18.00)	
Chairpersons:	• Stefaan de Smedt - University of Gent • Stefano Salmaso - University of Padua	Each poster presenting author will provide a short talk on the topic treated in the poster in the dedicated area.	
14.30 – 15.15	Adaptive nanoparticles for nanomedicine applications • Jan C.M. van Hest - Radboud University	18.00	Tour to “Orto botanico”

DAY 2
FRIDAY OCTOBER 19

Chairpersons and discussant panel: • Silvia Muro - University of Barcellona • Gianfranco Pasut - University of Padua		Chairpersons and discussant panel: • Paolo Decuzzi - IIT, Genua • Ruggero Bettini - University of Parma	
09.00 – 09.35	Exploring micro- and nanomaterials to combat infectious diseases - on our failures and successes • Stefaan de Smedt - University of Gent	14.30 – 15.00	Local and targeted delivery of nanomedicines for the treatment of glioblastoma • Veronique Preat - Catholic University of Louvain
09.35 – 10.10	Few examples of nanoplatforms to combine magnetic hyperthermia with stimuli-mediated drug delivery for cancer treatment • Teresa Pellegrino - IIT, Genua	15.00 – 15.30	Nanotechnological approaches to enhance anticancer chemo-immunotherapy • Giovanna Lollo - Université Claude Bernard, Lyon
10.10 – 10.45	Nanoparticles for Drug Targeting: Current Status and Future • Gert Storm - University of Leiden	15.30 – 16.00	Ophthalmic protein drug packaging: critical aspects, existing solutions and opportunities. A case study • Marco Maria Gentile - Dompè Pharmaceuticals
10.45 – 11.15	Question time	16.00 – 16.30	Bile Acids: New Opportunities for the Drug Targeting of Drugs • Dalpiaz - University of Ferrara
11.15 – 11.45	Coffee break	16.30 – 16.45	Technical Presentation MADLS®: the ultimate technology for nanoparticle size and number concentration analysis • Andrea Pigozzo (ALFATEST)
Chairpersons and discussant panel: • Koen Raemdonck - University of Gent • Massimo Fresta - University of Magna Graeciae		16.45 – 17.15	Question time
11.45 – 12.20	Flower-Like and Golden Thermosensitive Micelles for Drug Delivery • Tina Vermonden - University of Utrecht	17.15 – 17.45	Coffee break
12.20 – 12.55	Safety Aspects of Lipid Nanoparticles for Drug Delivery and Targeting • Eliana Souto - University of Porto	Poster session 2 (17.45-18.45)	
12.55 – 13.10	Qi Technical Presentation • Claudia Cencetti	Each poster presenting author will provide a short talk on the topic treated in the poster in the dedicated area.	
13.10 – 13.30	Question time	20.00	Social Dinner
13.30 – 14.30	Light Lunch		

DAY 3
SATURDAY OCTOBER 20

Chairpersons: • Pietro Matricardi • Piero Iamartino		11.00 – 11.30	Repurposing cationic amphiphilic molecules to promote cellular delivery of therapeutics • Koen Raemdonck - University of Gent
09.00 – 09.45	PhD Thesis awards	11.30 – 12.00	Drug carrier transport across the blood-brain barrier: an elusive parametric balance • Silvia Muro - University of Barcellona
09.45 – 10.00	Poster awards	12.00 – 12.30	Question time
Chairpersons and discussant panel: • Veronique Preat - Catholic University of Louvain • Paolo Blasi - University of Camerino		13.00 – 13.30	Conclusions & Final Remarks
10.00 – 10.30	Tailor-made functionalized polymers for nanomedicine • Gennara Cavallaro		



Call for Abstract

Contributions, including a brief description of the research, main results and future perspectives must be prepared using the abstract template available on the website: www.newaurameeting.it and submitted by email to the scientific secretariat to: info.crs.it@gmail.com

Abstract submission **deadline is September 15th, 2018**

Each presenting author will be notified by an email from the Committee about the decision on the abstract by September 30th. Accepted abstracts will be scheduled for the poster presentation.

Accepted abstracts will be published in a special issue of the journal *Pharmaceutics*.

With the kind support of



Workshop General Information

Workshop Venues

- Thursday and Friday:
Orto Botanico - University of Padova
Via Orto Botanico 5 - Padova
How to reach Orto Botanico: [CLICK HERE](#)
 - Saturday:
Palazzo del Bo - University of Padova
Via VIII Febbraio 2 - Padova
How to reach Palazzo del Bo: [CLICK HERE](#)
- How to reach Padova: [CLICK HERE](#)

Registration fees

- € 50 (CRS-Italy Chapter 2018 members)
- € 75 (not member, including CRS-Italy Chapter membership)

Registration fee includes: admittance at Workshop, lunch on 19th October and coffee breaks.

Social dinner, on Friday evening, is not included; attendants will be requested to pay a contribution of € 25 directly on site.

[CLICK HERE](#) to submit your application within Friday, October 12th, 2018

Official Language

The official language of the Conference is English. No translation will be provided.

Accommodation

Special fares have been arranged for the participants of the workshop in the following two hotels:

- [HOTEL M14](#) (Via Acquette, 9 – Padova)
Rate: € 47 for single room
Mail to: info@hotelm14.it
- [HOTEL AL FAGIANO](#) (Via Locatelli 45 – Padova)
Rates: € 60 for single room, € 75 for double use single room, € 90 for double room
Mail to: info@alfagiano.com

The above rates are subject to limited availability; upon reservation, please refer to the rates granted for the Department of Pharmaceutical Sciences – CRS.

For further information please contact the Organizing Secretariat.

Organizing Secretariat

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