

CURRICULUM VITAE



Personal notes

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Nationality Italian

Date of birth 28-11-1955

Competences Organic Chemistry, Colloids, Nanomedicine

Positions

Since June 2014 Director - Istituto di Metodologie Chimiche (IMC)
Consiglio Nazionale delle Ricerche (CNR)

Since November 2001 Dipartimento di Scienze Chimiche e Tecnologie dei Materiali
CNR Senior research scientist - Centro di Studio sui Meccanismi di Reazione - Rome

1988-2001 CNR Research scientist - Centro di Studio sui Meccanismi di Reazione - Rome

Education

1989 Ph.D. in Chemical Sciences - Chemistry Department - University of Rome "La Sapienza"

1984 Donegani fellowship. Institute of Biological Sciences - University of Rome "La Sapienza"

1980 Master of Science. University of New Brunswick, Canada

1979 Laurea degree in Chemistry. University of Rome "La Sapienza"

Scientific activity and management

Since 2013 In charge of a research unit of PRIN project "Italian Network for the Development of Multivalent Nanosystems" (MULTINANOITA)

Since 2013 In charge of a research unit of FP7-SME-2012 project "A new methodology based on an advanced molecular probe for early detection of DPD enzyme deficiency in oncological patients, also enabling a personalised and effective drug management" (CARESS)

2012-2014 In charge of a research unit and technical manager of FP7-SME- 2011 project "On-line industrial water quality analysis system for rapid and accurate detection of pathogens" (AQUALITY)

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| 2010-2011 | In charge of a research unit of PRIN project "Mono- and multivalent ligands for human galectins: new molecular tools and functionalized nanoparticles for tumor diagnosis and therapy" |
| 2009-2010 | Coordinator for the Italian part of the bilateral project "Bolalipids for oral and systemic drug delivery" (BOLALIP). Ministero degli Affari Esteri, Italy-Israel R&D Cooperation Program 2008 |
| 2008-2009 | In charge of FILAS project "Photolipo" |
| 2004-2007 | Coordinator of the FIRB project "Preparation and characterization of liposomes as membrane models and drug carriers in Photo Dynamic Therapy" |
| 1999-2003 | Coordinator of the project "Chiral Recognition in Selfassembled Systems" of COST action D11 (Supramolecular Chemistry) |

Publications

The results of the scientific activity are reported in 120 papers and 3 reviews published on international journals, and ~150 communications to conferences.
H index=29

Contracts with companies

In charge of research contracts with Italian and international companies: INNOVA, Procter & Gamble, Bridgestone, Sigma Aldrich

Research fields

Colloid chemistry focused on the synthesis of new surfactants and lipids and on the development of new liposome formulations as drug delivery systems and sensor elements.

Expression of chirality in biomembrane models, and transfer of chirality from molecules to complex systems such as molecular aggregates.

Mother language

Italian

Other languages

English

Autorizzo il trattamento dei miei dati personali ai sensi del D.lgs. 196 del 30 giugno 2003.

Rome, December 5, 2014

Firma