

CV LUCIANO GALANTINI

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● EDUCATION

1994 PhD in Chemical Science

Faculty of Mathematical, Physical and Natural Sciences / Department of Chemistry/ La Sapienza University of Rome (SUR), Italy

1990 Master in Chemistry (110/110 cum laude)

Faculty of Mathematical, Physical and Natural Sciences / Department of Chemistry/ SUR, Italy

● CURRENT POSITION

2021 – Full Professor in Physical Chemistry/ Faculty of Mathematical, Physical and Natural Sciences / Department of Chemistry/ SUR, Italy

● PREVIOUS POSITIONS

2010 – 2020 Associate Professor in Physical Chemistry/ Faculty of Mathematical, Physical and Natural Sciences / Department of Chemistry/ SUR, Italy

2000 – 2010 Researcher in Physical Chemistry/ Faculty of Mathematical, Physical and Natural Sciences / Department of Chemistry/ SUR, Italy

1996 – 2000 Researcher in General Inorganic Chemistry/ Faculty of Mathematical, Physical and Natural Sciences / University of L'Aquila, Italy

● INTERNATIONAL COOPERATIONS

Bilateral Agreement SUR-University of Costa Rica

- 2017: Project "Synthesis and characterization of bile salts and derivatives for the preparation of sensitizing molecules for solar cells"
- 2014: Project "Synthesis and characterization of bile salts with biological substituents"
- 2012: Project "Synthesis characterization and applications of biocompatible surfactants from bile salts"
- 2009: Project "Preparation and characterization of supramolecular aggregates of bile salt derivatives"

Bilateral Agreement SUR-Institute of Chemistry Chinese Academy of Science

- 2019: Project "Bile salt-peptide supramolecular antimicrobials"

● VISITING PROFESSORSHIP

- 2012: Visiting professorship at Casali Institute of Applied Chemistry, The Hebrew University of Jerusalem (Israel), received by Vigevani Foundation, Italy.
- 2009: Visiting scientist fellowship at Dep. of Physical Chemistry, University of Santiago de Compostela (USC), Spain, received by USC.
- 2007: Visiting scientist fellowship at Dep. of Physical Chemistry, USC, Spain, received by USC.
- 2005: Visiting scientist fellowship at Dep. of Applied Physics, USC, Spain, received by USC.
- 2004: Visiting professorship at Dep. of Applied Physics, USC, Spain, received by USC.
- 2003: Visiting professorship at Dep. of Physical Chemistry, USC, Spain, received by USC.

● ACCESS TO RESEARCH INFRASTRUCTURES

- 2015: New block-copolymer based sequestrants of bile salts (E150900742), European Soft Matter Infrastructure project (ESMI)
- 2014: Supracolloidal Atomium (E141000601), ESMI
- 2013: SAXS study of Bile Salt Derivative Aqueous Solutions (E131100452), ESMI
- 2018: Structural investigations of nanoaggregates obtained by self-assembly of stimuli-responsive peptide-based conjugates (ID 20171241), at SOLEIL Synchrotron, CALIPSO program.
- 2014: Small angle X-ray scattering study of the self-assembly of amino acid- and sugar-substituted bile salts: the effects of added electrolytes (ID 20140464), at MAX-LAB Synchrotron, CALIPSO program
- 2012: SAXS study of amino acid-bile acid derivative aqueous solutions (ID 20120367), at MAX-LAB Synchrotron, CALIPSO program
- 2011: SAXS study of bile salt derivative aqueous solutions (ID 20110157), at MAX-LAB Synchrotron, CALIPSO program

● SUPERVISION ACTIVITY

Supervisor of 7 PhD Students (4 Chemical Science - Dep. of Chemistry, 3 Materials Science: Mathematical Models for Engineering, Electromagnetics and Nanosciences – Dep. of Basic and Applied Sciences for Engineering, La Sapienza University of Rome, Italy), 3 long-term (> 9 months) and 2 short-term (>1 month) guest PhD students (from the University of Santiago de Compostela and Lund University) and 19 Master and 16 Bachelor Students (Dep. of Chemistry, La Sapienza University of Rome)

● TEACHING ACTIVITIES

In Master and Bachelor Programmes

- 2017-now Lecturer in Physical Chemistry I, B.Sc. in Chemistry, La Sapienza University of Rome, Italy.
- 2013 – 2016 Lecturer in Physical Chemistry of Solid State and Nanostructured Materials, M. Sc. in Industrial Chemistry, La Sapienza University of Rome, Italy.
- 2010 – 2015 Lecturer in Physical Chemistry, B. Sc. in Biological Science, La Sapienza University of Rome, Italy.
- 2009 – 2012 Lecturer in Techniques for the Study of Disperse Systems, M. Sc. in Chemistry, La Sapienza University of Rome, Italy.
- 2004 – 2009 Lecturer in Applied Physical Chemistry, M. Sc. in Analytical Chemistry, La Sapienza University of Rome, Italy.

- 2003 – 2009 Lecturer in Physical Chemistry of Interfaces (II module), M. Sc. in Chemistry, La Sapienza University of Rome, Italy.
- 2003 – 2004 Lecturer in Physical Chemistry III (II module), M. Sc. in Chemistry, La Sapienza University of Rome, Italy.
- 2002 – 2003 Lecturer in Laboratory of Physical Chemistry, M. Sc. in Chemistry, La Sapienza University of Rome, Italy.
- 2001 – 2002 Lecturer in Numerical Analysis and Programming, M. Sc. in Chemistry, La Sapienza University of Rome, Italy.

In PhD courses

- 2014-2017 Lecturer in Techniques for the Study of Disperse Systems, PhD in Chemical Science, La Sapienza University of Rome, Italy.

● ORGANISATION OF SCIENTIFIC MEETINGS

2016 Chair of the XXX Conference of the European Colloid and Interface Society, 4-9 September 2016, Sapienza University of Rome (ECIS Conference 2016)

2017 Member of the Scientific Committee and XXXI Conference of the European Colloid and Interface Society, 3-8 September 2017, Complutense University of Madrid (Spain).

2018 Member of the Scientific Committee and XXXII Conference of the European Colloid and Interface Society, 2-7 September 2018, Ljubljana (Slovenia).

2019 Member Org. Committee of XLVII Congresso Nazionale della Divisione di Chimica Fisica della SCI, 1-4/7/2019, Roma

● INSTITUTIONAL RESPONSIBILITIES

2021-now Delegate of the Rector for the Upgrading of the Research Laboratories of SUR

2018-now Head of the Department of Chemistry SUR

2017-now Member of the Board of the Centro di Ricerca per le Nanotecnologie applicate all'Ingegneria (CNIS) di SUR

2018-now Responsible of the SAXSlab, multifunctional platform for Small Angle X-Ray Scattering, Wide Angle X-ray Scattering e Grazing Incidence Small Angle Scattering, di Sapienza Università di Roma

2013-2018 member of the Teacher-Student Parithetic Committee, Faculty of Mathematica, Physical and Natural Sciences, La Sapienza University of Rome.

2007-2012 Responsible of the Scientific and Cultural Collaboration Bilateral Agreement between La Sapienza University of Rome and University of Costa Rica (San José, Costa Rica).

● COMMISSIONS OF TRUST

- Member of the Editorial Board of the International Journal of Molecular Science – IJMS, MDPI (IF=4.556), Section "Physical Chemistry and Chemical Physics"

- Guest Editor of the Special Issue "Assembly Superstructures in Chemistry" for the IJMS

- Guest Editor of the Special Issue of the Elsevier Journal Colloids and Surfaces A: Physicochemical and Engineering Aspects (IF=2.76) dedicated to ECIS Conference 2016.

- Peer-Reviewer for many ISI journals in the field of colloid science, nanotechnology and nanomedicine.

● MEMBERSHIPS OF SCIENTIFIC SOCIETIES

Member of the Italian Chemical Society (SCI)

Member of the European Colloid and Interface Society (ECIS)

Member of the International Association of Colloid and Interface Scientists (IACIS)

● CONFERENCES AND SEMINARS

Summary: Speaker in 28 Oral Communications: 6 Invited Seminars at International Universities, 5 Invited Talks at International Conferences, 4 Invited Lectures in International Schools, 13 talks in International Conferences. More than 70 additional contributions in poster communications and talks (not as speaker).

Invited Seminars

- 2017: Department of Chemistry and Applied Biosciences, ETH Zurich (Switzerland) July 21, 2019.
- 2017: Aarhus University, Interdisciplinary Nanoscience Center (iNANO), (Denmark), September 21, 2017.
- 2012: Tel Aviv University, Biological and Soft Matter Seminar of the Tel Aviv University (Israel), November 21, 2012.
- 2012: Hebrew University of Jerusalem, Casali Institute of Applied Chemistry (Israel), November 20, 2012.
- 2012: Technion-Israel Institute of Technology, Department of Biotechnology and Food Engineering (Israel), November 11, 2012.
- 2010: Universidad de Costa Rica, Escuela de Química - San José (Costa Rica) December 9, 2010.
- 2010: Lund University, Department of Chemistry - Lund (Sweden), November 30, 2010.

Invited Talks

- 2017: XXXI Conference of the European Colloid and Interface Society (ECIS Conference 2017), 3-8 September 2017, Complutense University of Madrid (Spain)
- 2017: Italian Group of Magnetic Resonances (GIDRM) day, NMR Aspects of Colloid Science, Italian Research Council, December 11, 2017, Rome (Italy).
- 2014: 20th International Symposium on Surfactants in Solution (SIS), 22-27 of June 2014, University of Coimbra (Portugal)
- 2013: Israel-Italy Nano Workshop 2013, 1-5 Aprile 2013 Hebrew University of Jerusalem (Israel)
- 2010: I Simposio de Ciencia y Ingeniería de Materiales, December 7-9, 2010, USC San Jose (Costa Rica)

Invited Lectures in International Schools

- 2018: Lecturer on "Scattering techniques for the investigation of colloidal systems", Nanomedicine Course Rome 2018: School on Tools and Methods in Nanomedicine, June 21, Istituto Superiore di Sanità, Rome, Italy.

- 2017: Lecturer on "Self-Assembly of Supramolecular Nanotubes", Summer School on "Nanomaterials: Formation and Applications", Institute of Chemistry, The Hebrew University of Jerusalem, May 15-18, 2017, Jerusalem (Israel).

- 2014: Lecturer on "Interactions in Self and Mutual-Diffusion of Colloids" Soft Matter School organized by the Division of Physical Chemistry of the Italian Chemical Society, June 16-20, 2014, Venice, Italy.

- 2007: Lecturer of the course on "Light Scattering and Structure of Colloids" STRUTTURA dei COLLOIDI" (20 day course) at the University of Costa Rica.

● PUBLICATIONS

Summary: co-author of more than 130 articles published in international peer-reviewed multi-disciplinary scientific Journals (ISI), 10 articles in non ISI Journals.

h-index 30, total citations 2388; font: Scopus January 2021