

## CV Prof. Luisa De Cola

Family name, First name: De Cola, Luisa

Researcher unique identifier(s): Orcid: 0000-0002-2152-6517; Scopus ID: 7004523435

Nationality: Italian

URL for web site: <https://expertise.unimi.it/get/person/luisa-decola>

### • • EDUCATION

01/07/1983    Laurea in Chemistry 110/110 cum laude University of Messina, Italy  
1983/1986    Post-doctoral Fellow Virginia Commonwealth University, Richmond (VA) USA

### • • CURRENT POSITION(S)

2020 –        Full Professor (chiamata per chiara fama) at the Department of Pharmaceutic Science University of Milan, Italy  
2020-        Director of the unit “Materials for Health” Istituto di Ricerche Farmacologiche Mario Negri, IRCCS, Milano Italy  
2012-        Group leader at the Karlsruher Institut für Technologie, Institute of Nanotechnology, Germany

### • • PREVIOUS POSITION(S)

1986-1990    Researcher at the National Research Council, CNR, Istituto F.R.A.E, Bologna  
1990-1998    Assistant Professor Department of Chemistry, University of Bologna, Italy  
1998-2004    Full Professor, University of Amsterdam (the Netherlands), Chair of Molecular Photonic Materials  
2004-2012    Full Professor (C4) in Physics and Chemistry, University of Münster (Germany), Chair of Nanoelectronics and Nanophotonics and director of the nanomaterials at CenTech.  
2006 - 2012    Part-time Professor Department of Chemistry University of Twente, The Netherlands  
2012 – 2020    Full Professor (Class Exceptionnelle), AXA chair of Supra-molecular and Biomaterial Chemistry, at ISIS, University of Strasbourg and CNRS, France.

### • • SELECTED AWARDS

1993        Prize for Chemistry of the "Accademia di Scienze Fisiche e Matematiche di Napoli".  
1995        Federchimica National Prize " per un futuro intelligente (for a smart future)".  
1995        International Prize of the European Photochemistry Association "Grammaticakis-Neumann"  
2009        European Research Council, ERC Advanced Grant Award  
2011        IUPAC prize for the most distinguished women in the field of chemistry and chemical engineering  
2012        Gutenberg Chair Award  
2014        Chevalier de la Légion d’Honneur appointed by the President of the Republic of France, François Hollande  
2014        International Prize for Chemistry from the Accademia dei Lincei, Tartufari Prize, given by the President of the Republic of Italy, Giorgio Napolitano  
2014        Sigma Aldrich Material Science lecture award, EPFL, Switzerland  
2015        International Prize Catalán -Sabatier given by the Real Sociedad Española de Química  
2016        Weber Prize from Rotary Club, Italy  
2019        The Izatt–Christensen Award in Macrocyclic and Supramolecular Chemistry  
2019        Medal from the University of Messina  
2019        She is one of the 39 selected women chemists, from all times, at the Science Museum of Valencia, Spain ([https://www.cac.es/media/pdfs/catalogo\\_ellastienenlaformula.pdf](https://www.cac.es/media/pdfs/catalogo_ellastienenlaformula.pdf)).  
2019        Honorary Professor (Peyiang Professor) Tianjin University, China  
2020        Gold Medal “Giulio Natta” from the Italian Chemical Society

2022 M. Frederick Hawthorne Lecture, UCLA  
2022 Doctor Honoris Causa from Universidad Internacional Menéndez Pelayo Santander (ES)  
2023 Pearlman Lecture at the Weizmann Institute of Science

• • **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

1990-2022 54 PhD students and supervised about 80 post-docs and visiting scientists.  
Supervised about 40 Master students.

• • **CURRENT TEACHING ACTIVITIES**

2020- General Chemistry for Science and environment chemical and toxicological security  
2020 – Nanoparticles in life science for Chemistry and Pharmaceutical Technology

• • **SELECTED ORGANISATION OF SCIENTIFIC MEETINGS**

2013 President of the Bürgenstock Conference 2013 (110 Participants) Switzerland  
2015 Organizer of the 10<sup>th</sup> International Symposium on Macrocyclic and Supramolecular Chemistry, ISMSC 2015, Strabsourg, France (620 participants)  
2019 Member of the organizing committee of the IUPAC in chemistry 2019, Paris, France (2450 Participants)  
2022 President of the 8<sup>th</sup> EuChemS Chemistry Congress, Lisbon, Portugal, (1260 Participants)

• • **SELECTED REVIEWING ACTIVITES**

2010-2015 Member of the evaluation panel of the ERC starting grant.  
2015- Member of the Scientific Advisory Board of ICN2 (Institut Català de Nanociència i Nanotecnologia, Spain)  
2017-2020 Member of the Committee for the Rey Jaime I Prize, Spain (together with 16 Nobel Laureates)  
2018-2023 Member of the evaluation panel of the Swiss National Science Foundation  
2020- International Advisory Board Angewandte Chemie, Wiley  
2023- Editor in chief of Chemistry Europe, Wiley

• • **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

2014 Elected member of the German Academy of Sciences, Leopoldina  
2015 Elected as a ChemPubSoc Europe Fellow  
2016 Elected member of the Akademie der Wissenschaften un der Literatur of Mainz  
2016 Elected member of the “Institut Universitaire de France”, IUF  
2021 Elected to the American Institute for Medical and Biological Engineering, AIMBE, College of Fellows Class of 2021  
2022 Elected member of the Accademia dei Lincei  
2023 Elected member of the European Academy of Sciences

• • **RESEARCH ACTIVITY**

The research interest of Prof. De Cola include new labels and nanomaterials for diagnostics, self-assembly of luminescent compounds and nano and soft materials for drug delivery and regenerative medicine. She has published 390 papers in peer reviewed journal and more than 24000 citations. Hindex = 84. She has filed 40 patents and a spin off is under formation. She has received more than 40 grants of which 16 European projects.