

Short Curriculum Vitae

Professor Luis M. Liz- Marzán

Education :

Bachelor in Chemistry at University of Santiago de Compostela (1988)

PhD in Chemistry at University of Universidad de Santiago de Compostela (1992)

Current Positions:

Ikerbasque Professor at the Center for Cooperative Research in Biomaterials, CIC biomaGUNE

Professor in Physical Chemistry at the *University of Vigo*

Group Leader of the *Bioengineering, Biomaterials and Nanomedicine Networking Biomedical Research Centre*, Ciber-BBN

Address: Paseo de Miramón 194, 20014 Donostia - San Sebastian, Spain

e-mail: llizmarzan@cicbiomagune.es

Other Positions:

- Visiting Professor, Università di Roma La Sapienza, 2023
- Honorary Chair, Soochow University, China, 2022-
- Visiting Chair, Collège de France, Paris, 2022
- Scientific Director of CIC biomaGUNE
- Visiting Professor, University of the Basque Country, Spain, 2020-2021
- Guest Professor, Jiangnan University, China, 2018-2020
- Visiting Professor, École Normale Supérieure Paris-Saclay, France, Oct 2017
- Professor, Department of Physical Chemistry, University of Vigo, Spain 2006–2012
- Humboldt Research Fellow, Max-Planck-Institute of Colloids and Interfaces, Golm (Germany), Aug 2011
- Humboldt Research Fellow, University of Hamburg (Germany), Aug-Sep 2010
- Wilsmore Fellow, University of Melbourne (Australia), July 2010
- Visiting Professor, University of Michigan (Ann Arbor, USA), August 2008
- Visiting Professor, Tohoku University (Sendai, Japan), July – August 2005
- Titular Professor, University of Vigo, March 1997 – December 2005.
- Assistant Professor, University of Vigo, May 1995 – March 1997.
- Assistant Professor, University of Santiago de Compostela, January – May 1995.
- Associate Researcher, Utrecht University (The Netherlands), Feb 1993- Jan 1995.
- F.P.I. Fellow, University of Santiago de Compostela, 1989-1992.

Publications:

- Author of 600+ peer reviewed research papers and co-inventor of 11 patents.
- <https://www.webofscience.com/wos/author/record/1399027>
- <https://www.scopus.com/authid/detail.uri?authorId=57195195158>
- Principal Investigator of 50+ research grants and industrial projects.
- 600+ Invited talks at conferences (55+ plenary) and research institutions
- Supervisor of 40+ PhD theses (10 in progress) and 60+ post-doctoral researchers

Selected Awards:

- ISI Highly Cited Researcher (in Chemistry and Materials Science) (2014 – 2022)
- ERC Synergy Grant (2025-2031)
- 2 ERC Advanced Grants (2011-2016; 2018-2023) + 2 ERC Proof of Concept Grants
- Lourenço – Medinaveitia Award of the Portuguese Chemical Society (2023)
- Ciamician – González Award of the Italian Chemical Society (2022)
- Lilly Foundation Award on Preclinical Biomedical Research (2021)
- Catalan-Sabatier Award of the French Chemical Society (2020)
- Elhuyar-Goldschmidt Award of the German Chemical Society (2019)
- Spanish National Award on Chemistry Research and Technology (2018)

- Blaise Pascal Medal of the European Academy of Sciences (2017)
- JCIS-Darsh Wasan Award in Colloid and Interface Science (2017)
- Rey Jaime I Award on Basic Research (2015)
- Medal of the Spanish Royal Society of Chemistry (2014)
- Rhodia Prize of the European Colloid and Interface Society (2013)
- ACS Nano Lectureship Award (2012)
- Langmuir Lecturer 2012
- Burdinola Research Award (2011)
- DuPont Award for Science (2010)
- A.v. Humboldt Research Award (2009)
- International Member of the National Academy of Engineering (2023)
- Member of the Spanish Royal Academy of Sciences (2022)
- Member of the Royal Academy of Sciences of Granada (2021)
- Member of Academia Europaea (2018)
- Member of the European Academy of Sciences (2017)
- Smets Chair at KU Leuven and UC Louvain (2015)
- Francqui Chair at KU Leuven (2014-2015)
- Fellow of the Optical Society of America (2012)
- Fellow of the Royal Society of Chemistry (2008)

Editorial Activity

- Executive Editor of ACS Nano (2022-)
- Associate Editor of ACS Nano (2019-2021)
- Member of the Board of Reviewing Editors of *Science* (2012-)
- Co-Editor-in-Chief of the ACS Open Access journal, *ACS Omega* (2016-2018)
- Senior Editor of the ACS journal of surfaces and colloids, *Langmuir* (2009-2016)
- Sensing and Actuating Editor of *Nanotechnology* (IOP Science) (2015-2016)
- Member of the editorial advisory boards of ChemistryEurope (Wiley); Acc. Mater. Res. (ACS); Adv. Funct. Mater. (Wiley); Adv. Opt. Mater. (Wiley); Particle (Wiley); ChemNanoMat (Wiley); Faraday Discuss. (RSC), J. Mater. Chem. B (RSC); Mater. Adv. (RSC); Med-X (Springer); Research (SPG); NanoToday (Elsevier)
- Guest Editor of special issues in: *MRS Bulletin* (2001), *J. Mater. Chem.* (2006), *Langmuir* (2009, 2012) *Particle* (2014, 2016), *Chem. Soc. Rev.* (2014), *Faraday Discussions* (2016), *Acc. Chem. Res.* (2019), *Mater. Adv.* (2022), *ACS Nano* (2022, 2024)
- Co-editor of 2 books: "Nanoscale Materials", "Low-Dimensional Systems. Theory, Preparation, and Some Applications", Kluwer 2003
- Editor-in-Chief of the volume collection "World Scientific Reference on Plasmonic Nanomaterials", World Scientific 2022

Selected Committee Activity

- Organizer of 30+ conferences/symposia.
- Proposal evaluator for funding agencies from Spain, The Netherlands, Belgium, Luxembourg, Germany, Italy, Israel, Cyprus, Ireland, Denmark, Finland, UK, Switzerland, France, Austriz, Poland, Czeck Republic, Russia, Argentina, Chile, Mexico, USA, Canada, Australia, New Zealand, Singapore, Qatar, South Korea, Hong Kong, Japan, Qatar, Saudi Arabia, the ERC, and the European Commission.
- Science Board member of the *Particulate Fluids Processing Centre*, University of Melbourne (2007-2009).
- Panel Member of ERC Starting Grants (2011 - 2013)
- Panel Chair of ERC Consolidator Grants (2014 - 2018)
- Member of Scientific and Technical Committee of Spanish Research Agency (2017-2021)
- Member of the Scientific Advisory Board of the Spanish Research Council (CSIC) (2022-)