

CURRICULUM VITAE PALAMA' Ilaria Elena

Family name, First name: **Palamà, Ilaria Elena**

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Date of birth: 18 August 1984

Nationality: Italian

https://scholar.google.it/citations?user=ZUvY_4sAAAAJ&hl=it

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EDUCATION

- 2009-2012 **Ph.D. in Smart System and Technology-Nanoscience**, ISUFI (Institute of Advanced Interdisciplinary Studies), University of Salento, Lecce, IT (XXII cycle).
Ph.D. thesis title: *Smart Biomimetic Materials for Tissue Engineering and Sustained Drug Release*. PhD Supervisor: Prof. Giuseppe Gigli
- 2006-2008 **M.Sc. Degree in Medical Biotechnology and Molecular Medicine**, University of Bari (IT). Graduation thesis title: *Synthesis and validation of nanoengineered capsules for drug delivery in cancer cells*. Supervisor: Prof. Susanna Cotecchia
- 2003-2006 **B.Sc. Degree in Biotechnology**, University of Lecce (IT). Graduation thesis title: *Clinic proteomics for the study of melanoma*. Supervisor: Prof. Michele Maffia

CURRENT POSITIONS

Since Dec 2018 **Permanent Researcher**, CNR-Nanotechnology Institute (NANOTEC), Lecce (IT)

PREVIOUS POSITIONS

- Jan 2016- Dec 2018 **Researcher**, CNR-Nanotechnology Institute, Lecce (IT)
- Apr 2017-Apr 2018 **Associated Researcher**, San Raffaele Hospital, Milan (IT)
- Jan 2015- Jan 2016 **Researcher**, CNR- Nanoscience Institute, Lecce (IT)
- Oct 2012- Dec 2014 **Post-doctoral researcher**, CNR-Nanoscience Institute, Lecce (IT)
- Feb 2011-Nov 2011 **Visiting Ph.D. student**, Center for Cell Engineering, Glasgow University (UK)

Fellowships and Awards

- 2013 **AICC 2013 Award (Italian Cell Culture Association, national branch of the European Tissue Culture Society) for young researchers (under 30) in the biomedical field**
- 2013 **JECS Trust Grant for Conference participation Young Researcher to MiMe - Materials in Medicine**
- 2012 **Award for the best oral presentation at the National Congress of the Italian Society of Biomaterials 2012 (SIB)**

- 2012 **Scholarship “Salvatore Venuta” 2012 of Gagliato Academy of Nanoscience for young researchers (under 30) in nanomedicine**
- 2009-2012 **PhD Scholarship**, ISUFI, University of Salento, Lecce, IT

Awards to group members

- Jul 2019 **Mariangela Testini**, Award for participation to Advanced School “Bioinformatics tools for mass spectrometry based omic data: from pathways reconstruction to multi-omic data integration” (Verona, IT) with the poster “*Protein corona analysis of organic and inorganic nanoparticles*”

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

- Jun 2020 – now **Senior fellow Gabriele Maiorano**, CNR-NANOTEC (IT)
- Dec 2019 – now **PhD student Emilio Solazzo**, University of Salento (IT)
- Feb 2018- now **PhD student Clara Guido**, University of Salento (IT)
- Sep 2018- Oct 2019 **Post-doctoral fellow Mariangela Testini**, CNR-NANOTEC (IT)
- Jun 2019-Aug 2019 **Graduate Student Marisa Mangiatordi**, Grenoble Institute of Technology (FR)
- Jun 2018- May 2019 **Post-doctoral fellow Francesca Di Maria**, CNR-NANOTEC (IT)

INSTITUTIONAL RESPONSIBILITIES

- 2018-now For **CNR post-doctoral positions**: As *committee chairman* calls: AR.005.2018_NANOTEC LE; AR.012.2018_NANOTEC LE; AR.003.2020_NANOTEC LE; AR.004.2020_NANOTEC LE. As *committee member* calls: AR.011.2018_NANOTEC LE; AR.008.2019_NANOTEC LE; AR.009.2019_NANOTEC LE; AR.006.2020_NANOTEC LE
- For **CNR fellowships**: As *committee chairman* calls BS.014.2020_NANOTEC LE
- As *committee member* calls: BS.009.2018_NANOTEC LE; BS.013.2020_NANOTEC LE.
- For **CNR researcher**: As *alternate member* calls: 380.3 NANOTEC RIC; 380.8 NANOTEC RIC

REVIEWING ACTIVITIES

- 2019- **Guest editor of Nanomaterials**, for special issue: Micro/Nanostructured Surfaces for Cell Adhesion Control.
- 2013- now Manuscript Reviewing for the Journals and Publishers as: Biotechnology & Bioengineering, Applied Materials & Interfaces, Science of Advanced Materials, Journal of Microencapsulation, Journal of Nanomedicine & Biotherapeutic Discovery, Applied Science, Biomedical Materials, Polymers, RSC Advances, ACS Omega, Frontiers in Bioengineering and Biotechnology, Journal of Nanomaterials, Materials, Molecular Pharmaceutics, Biomolecules, Cancer Biomarkers, Current Drug Delivery, International Journal of Molecular Science, Mini Reviews in Organic Chemistry, Biomacromolecules, Personalized Medicine, Acta Biomaterialia, Analytic Chemistry, Scientific Reports.

INVITED PRESENTATIONS

Invited talks including: “OrBIItaly - Organic Bioelectronics Italy” Milano, IT (2018); National Institute of Nuclear Physics (INFN) for the “Nanoscience and Nanotechnology annual meeting”, Rome, IT (2015); Under 40 in Hematology, Rome, IT (2014); 26° Congress of AICC, Brescia, IT (2013).

RESEARCH TOPICS

- Smart micro- and nanovectors for cell stimulation and drug/gene delivery
- Smart materials for bio/non-bio interactions, regenerative medicine and biohybrid devices
- New organic fluorophores for live cellular staining and BioFactory for smart materials production

Since 2010 - author of 3 invited chapter, 37 peer-reviewed scientific papers of which 2 invited papers, 21 as first author, 4 as co-first name, 19 as corresponding author, 4 as last author and 1 as co-last author.

Ilaria Elena Palamà

