



## **Curriculum Vitae of Vincenzo Amendola**

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### **Education and qualification**

**2017:** Qualified by A.S.N. as “Full Professor” (03/A2, Physical Chemistry).

**2015:** Appointed Associate Professor of Physical Chemistry at the Department of Physical Chemistry of Padova University.

**2014:** Short-term visiting researcher at Trinity College Dublin in Ireland (Institute of Molecular Medicine).

**2014:** Qualified by A.S.N. as “Associate Professor”.

**2011:** Appointed “Professore Aggregato” for the lecture in “Laboratory of Physical Chemistry” at the Department of Physical Chemistry of Padova University.

**2011:** Academic Visitor at Cambridge University in U.K. (Center for Advanced Photonics and Electronics).

**2008:** Appointed Assistant Professor of Physical Chemistry at the Department of Physical Chemistry of Padova University.

**2008:** PostDoc at the Department of Physical Chemistry of Padova University.

**2007:** Visiting PhD Student at the at Massachusetts Institute of Technology in U.S. (Department of Material Science and Engineering).

**2005 - 2007:** PhD in Material Science and Engineering at the Department of Physical Chemistry of Padova University.

**2004:** Research Assistant at the Department of Physical Chemistry of Padova University.

**2004:** Master in Material Science (110 cum laude/110) at Padova University.

### **Grants and Awards**

**2007:** Travel Grant (Aldo Gini Foundation) for exchange PhD student at MIT

**2008:** Semerano Prize for the best Italian PhD thesis in Chemical Physics. Awarded by Società Chimica Italiana, section of Physical Chemistry

**2008:** Primo Levi Prize for the best Italian Young Chemist author of original research. Awarded by Società Chimica Italiana

**2010:** Winner of the cover competition for the special issue of J. Phys. Chem. C about LASiS

**2011:** Royal Society Travel Grant for academic visitors at Cambridge University

**2011:** Alceste Mion Prize for Chemistry awarded by Dr. Comm. Alceste Mion Foundation

**2012-2014:** PI of the Grant “Laser ablation synthesis of magneto - plasmonic nanostructures” (University of Padova)

**2012-2013:** PI of Networking Grant (University of Padova)

**2012-2015:** Co-Investigator of the Grant “Innovative tools for cancer risk assessment and early diagnosis” (AIRC).

**2013-2015:** Co-Investigator of the PRIN Grant “Italian network for the development of multivalent nanosystems” (MIUR)

**2013-2016:** Co-Investigator of the Strategic Grant “Nanochemistry and medicine for cancer: from diagnosis to treatment” (University of Padova)

**2014:** QualityNano Travel Grant for short term visiting researcher period at Trinity College Dublin (European Commission).

**2014-2015:** PI of Networking Grant (University of Padova).

**2015-present:** Participant of the COST Action MP1302 “Nanospectroscopy”



**2015:** Innovators Under 35 prize awarded by the MIT Technology Review Italy and the Research Innovation Entrepreneurship Forum (in the person of the President Prof. Romano Prodi)

**2017:** PI of the University Cooperation Grant (University of Padova)

**2017:** PI of Research Contract “Development of optical and plasmonic sensors for proteins” (Private Company)

**2017-2019:** PI of the Italy-Argentina Great Relevance Grant “Laser-assisted synthesis of innovative contrast agents for multimodal biomedical imaging“ (MAECI)

**2018:** PI of the STARS Grant “4NANOMED” (University of Padova)

**2019:** Co-Investigator of the Grant “Experimental and computational investigations on new magnetic bioinorganic nanosystems for oncological applications” (University of Padova)

**2020:** PI of the Grant “DYNAMO” (University of Padova)

**2021:** Belloni prize (Alumni Association) for the innovation in biomedical research

### **Scientific activity:**

- >80 published manuscripts
- 3 books
- 4 Patents
- >7500 citations (source: Google Scholar)
- 39: h-index (source: Google Scholar).
- 22 invited talks and 22 normal talks
- Peer review of >200 manuscripts
- Evaluator for >50 national and international projects

### **Editorial activity**

2021: Guest Editor of the special issue in ChemPhysChem on “Modelling and Synthesis of Nanoalloys” (open in 2021)

2019 – present: Member of the Editorial Advisory Board of ChemPhysChem (Wiley)

2019 – present: Editorial Board Member of Nanomaterials (MDPI).

2017: Guest Editor of the special issue in J.Coll.Intef.Sci. for the 25th anniversary of laser ablation

2017: Guest Editor of the special issue in ChemPhysChem about “Colloids with lasers”

2016 – 2017: Associate Editor of the peer-reviewed journal “Cogent Chemistry” (Taylor and Francis)