

Short CV Clara Iannuzzi

Current position

Associate Professor of Biochemistry (BIO/10) at Department of Precision Medicine of Università della Campania “Luigi Vanvitelli”

Academic career

2014-2017: Researcher at Università della Campania “L. Vanvitelli”. The position was fully funded by Italian Ministry of University and Research through the Programme “Rientro dei cervelli Rita Levi Montalcini”

2007-2013: Career development fellowship at I'MRC-National Institute for Medical Research, London (UK)

2002-2006: PhD in Cellular Biochemistry at Università della Campania “L. Vanvitelli”

2002: Degree in Chemistry at Università degli Studi di Napoli Federico II

Teaching and research activity

Teaching activity covers courses of Chemistry and Biochemistry for master’s degree, three-year degree and PhD programme in “Biochemistry and Biotechnology Sciences” at Università della Campania “L. Vanvitelli”.

The research activity of Prof. Clara Iannuzzi is documented by many scientific publications in international peer-reviewed journals, 2 book chapters in international books and many communications at international meetings regarding the molecular mechanisms underlying protein misfolding and the structure/function relationship in proteins with a high biomedical impact. These research activities are performed through a combination of biochemistry, biophysics and cellular biology techniques and some of them are developed in collaboration with national and international research groups.

Main research activities:

- Identification of molecular mechanisms underlying the amyloid aggregation process in proteins involved in many neurodegenerative diseases.
- Identification of the physio-pathological mechanisms involved in the toxicity of amyloid aggregates in several cellular models. Clarify the role of the post-translational modifications in the cytotoxicity associated to neurodegenerative disorders.
- Structure/function relationship in proteins involved in biological processes associated to metabolic disfunctions.

Naples, 18th July 2018