

CURRICULUM VITAE

Paola Imbrici

PERSONAL DATA

December 2019 – today, Associate Professor of Pharmacology
Department of Pharmacy - Drug Sciences, University of Bari “Aldo Moro”, Italy
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EDUCATION AND RESEARCH ACTIVITY

April 1997, Degree "cum laude" in Medicinal Chemistry
Faculty of Pharmacy, University of Bari “Aldo Moro”, Italy

February 2008, PhD Neurophysiology and Electrophysiology
Department of Internal Medicine, University of Perugia, Italy

April 1998 - October 2000, Junior Research Scientist
Institute for Pharmacological Research “Mario Negri”, S.Maria Imbaro (Chieti), Italy

October 2001- October 2003, Postdoc Research Fellow
Department of Clinical & Experimental Epilepsy, Institute of Neurology, University College of London, London, UK.

November 2003 – December 2011, Postdoc Research Fellow
Department of Internal Medicine, Section of Human Physiology, University of Perugia, Italy

February 2012 – December 2019, Assistant Professor of Pharmacology
Department of Pharmacy - Drug Sciences, University of Bari “Aldo Moro”, Italy.

TEACHING ACTIVITY

From 2013 - today, Annual courses addressed to undergraduate students in Pharmacy, Medicinal Chemistry, Sciences and technologies of herbal and health products:
“Pharmacology and Pharmacotherapy” and “General pharmacology and Pharmacotherapy I”
“General pharmacology and pharmacology of herbal products”
Department of Pharmacy - Drug Sciences of the University of Bari

From 2012 – today, Committee Member of the Doctorate School in “Functional and Applied Genomics e Proteomics”, lessons of ion channels biophysics and pharmacology; mentor of PhD students.

RESEARCH INTERESTS

My research interests focus on the study of voltage-gated ion channels and related genetic channelopathies with the main aims to understand the genotype-phenotype correlation in affected patients and develop personalized therapies. This research grounds on functional and pharmacological *in vitro* and *in vivo* studies and is performed in close collaborations with several clinical centres and academic laboratories.

AWARDS

1999, 2003, 2004, Telethon Foundation awards for scientific research on skeletal muscle disorders and episodic ataxia type 1

RESEARCH GRANTS

2012-2015, Italian Ministry of Health, Bando Giovani Ricercatori 2009: “Advanced diagnostics and innovative procedures for diagnosis and therapy in striated muscle channelopathies”. Principal investigator

2017, Grant for Basic Research, Italian Ministry of University and Scientific Research. Principal investigator

2018-2019, Ataxia UK, “Novel pharmacological approach to treat Episodic ataxia type 1”. Principal investigator

Co-investigator in several research grants funded by Telethon Foundation, MIUR-PRIN, Zambon, Compagnia di Sanpaolo, Fondazione Cassa di Risparmio di Puglia

EDITORIAL ACTIVITIES

Review Editor for *Frontiers in pharmacology of ion channels and channelopathies*

Reviewer for the following peer-reviewed journals: *Frontiers in Pharmacology*, *Frontiers in Physiology*, *Frontiers in Neurology*, *Muscle and Nerve*, *Journal of Physiology*, *Neuromuscular Disorder*, *Neuropharmacology*, *International Journal of Molecular Sciences*, *Scientific Reports*, *Drug Safety*

SCIENTIFIC SOCIETIES

Member of the Italian Pharmacological Society

Member of the Italian Society of Cardiology

SCIENTIFIC COLLABORATIONS

Prof. Renato Mantegazza and Dr. Pia Bernsaconi, Unit of Neuroimmunology and Neuromuscular Disorders, Neurological Institute Carlo Besta, Milano

Prof. Antonio Toscano, Department of Clinical and Experimental Medicine, University of Messina, Italy

Prof. Michael Pusch, Biophysical Institute, CNR, Genova, Italy

Dr. Francesca Gualandi and Prof. Alessandra Ferlini, Unit of Medical Genetics, Department of Women's and Children's Health and Department of Medical Sciences, University of Ferrara and Hospital Sant'Anna, Ferrara, Italy

Dr. Matteo Bertini, Unit of Cardiology, University of Ferrara and Hospital Sant'Anna, Ferrara, Italy

Dr. Silvana Tedeschi, Laboratory of Medical Genetics, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy

Prof. Dimitri Kullmann, Institute of Neurology, UCL, London, UK

Dr. Maria Cristina D'Adamo and Prof. Mauro Pessia, Department of Physiology and Biochemistry, University of Malta, Malta

Prof. Orazio Nicolotti, Department of Pharmacy - Drug Sciences, University of Bari “Aldo Moro”, Italy

Dr. Ginevra Zanni, Dipartimento di Neuroscienze e Neuroriabilitazione, IRCCS Ospedale Pediatrico Bambino Gesù Roma, Italy

PUBLICATIONS

Author of 58 international peer-reviewed publications.