

Curriculum Vitae et Studiorum
Maria Miniaci

Personal Data

Name & Surname	Maria Miniaci
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1) ACADEMIC APPOINTMENTS

Since 2018: Associate Professor of Physiology, Department of Pharmacy, University of Naples
Jan 2022: National Scientific Habilitation as a Full Professor in Physiology, scientific sector BIO/09
2018-2019 & 2022 (July-August): Visiting Professor, Department of Psychiatry, Columbia University, New York, USA
2007-2018: Assistant Professor of Physiology, Department of Pharmacy, University of Naples
2000-2007: Assistant Professor of Physiology, Department of Experimental Medicine, Univ of Catanzaro

2) EDUCATION

1999: Board certification in Sport Medicine cum laude, Faculty of Medicine and Surgery, Univ of Catanzaro
1994: Degree in Medicine and Surgery cum laude, Faculty of Medicine and Surgery, Univ of Catanzaro

3) TRAINING

2002-2005: Research associate and Italian Academy Fellow, Columbia University, New York, USA, supervisor: Nobel laureate Eric R. Kandel
1999-2000 & 1994-1995: Post-doc, Dept Neuroscience, University of Torino, supervisor: Piergiorgio Strata
1995: Research fellow, Czech Academy of Sciences, Prague, Czech Republic, supervisor: Jan Bures
1994: Fellowship, Dept. Physiology, University of Naples, supervisor: Bruno De Luca
1992-1994: Internship in Physiology, Dept Experimental Medicine, University of Catanzaro, supervisor: Pietro Scotto
1990: Internship in Internal Medicine, Kiparissia Hospital, Greece

4) HONOR AND AWARDS

2024: Premio Carlino d'Argento
2018: Schaefer Award from Columbia University, New York, USA for excellence in Human Physiology
2004: Italian Academy award/fellowship, Columbia University, New York, USA
1995: Fondazione Bonino Pulejo award/fellowship, Academy of Sciences of the Czech Republic
1994: Centro Nazionale Ricerche (CNR) fellowship, Dept Neuroscience, University of Turin
1994: EDIS-Calabria Agency fellowship, University of Catanzaro
1990: International Federation of Medical Student's Association Fellowship

5) GRANT SUPPORT

As a Principal Investigator:

2024-2027: Grant from the National Institute for Insurance against Accidents at Work (INAIL) and University of Sannio "Optonerve: Neural optical stimulation for the restitution of sensory feedback", N. PR23-PAS-P5. Funded amount € 150.000.
2023-2025: PRIN 2022 PNRR grant from The Italian Ministry of University and Research "Fear-related memory processing in Alzheimer's disease", N. P2022KAP8P. Funded amount € 70.627.
2023-2025: PNRR MUR-grant "A multiscale integrated approach to the study of the nervous system in health and disease", MNESYS PE000000006, as a Co-PI.
2022-2024: Internationalization *faculty* grant "Effect of psychosocial stress on cerebellar opioid response". Funded amount € 5.400
2021-2022: Department grant, "Correlation between vascular dysfunctions in Alzheimer's disease and Th1 profile: new and alternative therapeutic strategies. Funded amount € 12.600

2018-2019: Schaefer Award Grant, Columbia University, New York, USA “Imaging noradrenergic synaptic function at cerebellar synapses during behavior”. Funded amount \$200.000 + \$50.000 personal award
2017: Funding of the basic research activities from the Ministry of Education, University and Research. Funded amount € 3.000
2013-2015: Bank of Italy grant “Memory persistence and Alzheimer’s Disease”. Funded amount € 20.000
2012-2014: IDI Pharma grant, Italy “Cystein and Neosynthesis of Cheratin”. Funded amount € 20.000
2009-2013: Neuroscience Multicenter Research Grant from Compagnia di San Paolo “Molecular mechanisms and structural changes required for memory persistence: from invertebrates to mammals” N. 2008.2363. Funded amount € 300.000
2003-2007: Regione Calabria grant “A new technique for rehabilitation of muscles atrophied”. N. 13480. Funded amount € 80.000

As a participant:

2018-2020: Regione Campania grant “Integrated multidisciplinary platform for an innovative technological approach to oncotherapies”. FESR 2014/2020, B61G18000470007
2011-2013: Research Projects of National Relevance Grant “Anorexigenic effect of PPAR-alpha ligand acylethanolamides: neurobiological mechanisms and role of neurosteroids”. N. 2009ESX7T3_005
2002-2004: Research Projects of National Relevance Grant “Role of adrenergic receptor in the modulation of parallel fiber-Purkinje cell synapse.” N. 2002051388_002.

6) ACADEMIC SERVICE

Since 2021: Member of the Orientation Committee, Dept of Pharmacy, University of Naples Federico II
Since 2020: Coordinator of the International Agreement with Columbia University, New York, USA
Since 2020: Member of the teaching commission of the Quality Control course, Dept of Pharmacy, University of Naples Federico II
Since 2016: First Aid Emergency Management Officer, Department of Pharmacy
Since 2010: Responsible for teaching and research activities in the laboratory (RADOR) of Physiology, Department of Pharmacy
2022: Member of the Neuroscience PhD Committee, University of Turin
2021: Responsible of the MOOC on Food Science for the Federica Web Learning University platform
2021: Member of the Biology PhD Committee, University of Naples Federico II
2017-2018: Responsible of the Quality Assurance, Nutraceutical Sciences course, Department of Pharmacy
2007: Assistant Professor Promotion Committee at the Faculty of Psychology, University of Turin

7) PROFESSIONAL ORGANIZATIONS AND SOCIETIES

Since 2007: Member of the Italian Society of Physiology (SIF)
Since 2001: Member of the Society for Neuroscience (SFN)
Since 1995: Enrolled in the Order of Physicians and Surgeons, Catanzaro

8) INTERNATIONAL JOURNAL EDITOR AND REVIEWER

Editorial Board: Frontiers in Behavioral Neuroscience, Frontiers for Young Minds, Frontiers in Cellular Neuroscience, Frontiers in Aging Neuroscience, Frontiers in Synaptic Neuroscience

Reviewer: Proceedings of the National Academy of Sciences of the United States of America (PNAS), Cell Reports, Brain Behavior and Immunity, Scientific Reports, Hippocampus, Neurobiology of Aging, Behavioural Brain Research, Molecular and Cellular Neuroscience, European Journal of Pharmacology, Journal of Alzheimer's Disease, Hindawi, F1000 Research, Frontiers in Synaptic Neuroscience, Frontiers in Aging Neuroscience, Frontiers in Cellular Neuroscience, Frontiers in Molecular Neuroscience, Frontiers in Systems Neuroscience.

9) REVIEWER FOR GRANT AGENCIES

Since 2021: Expert Panel of Polish National Science Center
Since 2019: The French National Research Agency (ANR)
Since 2018: Fondation pour la Recherche Médicale (FRM)
Since 2016: Alzheimer’s Association
Since 2015: Czech Science Foundation
Since 2015: Polish National Science Centre

10) EDUCATIONAL ACTIVITY

Since 2007: Professor of Physiology, Dept of Pharmacy, University of Naples Federico II, for the degree courses in Pharmacy, Scientific Information on Drugs, Nutraceuticals, Chemistry and Pharmaceutical Technology and Drug Biotechnology.

Since 2011: Professor of Physiology, School of Specialization in Hospital Pharmacy, Dept of Pharmacy

2000- 2007: Professor of Physiology, School of Medicine, University of Catanzaro

2005-2007: Professor of Physiology at the Residency School in Pediatrics, Otolaryngology, Dentistry, Sport Medicine, University of Catanzaro

1997-1998: Professor of Physiology, School of Sport Science, University of Catanzaro

LIST OF PUBLICATIONS:

<https://orcid.org/0000-0003-3844-0581>