

# Letizia Mariotti, PhD

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CNR Researcher  
CNR-Institute of Neuroscience, Dept. of  
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## Education

- 2019-21 **Future Leaders Programme**, Executive Master Programme in Business Administration at SDA Bocconi School of Management, Milan, IT
- 2012-15 **PhD in Neurobiology**, Advisor: Dr. Giorgio Carmignoto, University of Padova, Dept. of Biomedical Sciences, Padova, IT
- 2010-11 **Specialisation School in Molecular Biophysics**, Advisor: Dr. Gian Michele Ratto, Scuola Normale Superiore, Pisa, IT
- 2010 **Master of Science in Molecular Neurobiology**, Research Supervisor: Dr. Gian Michele Ratto, Score: 110/110 cum Laude, University of Pisa, Pisa, IT
- 2008 **Bachelor of Science in Biology**, Physiopathology curriculum, Research Supervisor: Dr. Rita Bardoni, University of Modena and Reggio Emilia, Modena, IT
- 2005 **Maturità Classica**, Liceo Ginnasio Rinaldo Corso, Correggio, IT

## Employment

- 2022-present **CNR Junior Group Leader** - Consiglio Nazionale delle Ricerche -Institute of Neuroscience, Padova, IT
- 2022 **Visiting scientist at Cortex Lab, UCL** - University College of London, London, UK
- 2019-21 **Neuroscience Medical Lead** - Angelini Pharma, Global Medical Department, HQ Rome, IT  
Directly reporting to the Chief Medical Officer Dr. Agnese Cattaneo
- 2016-19 **Postdoctoral Fellow** - Laboratory of Molecular Biology MRC, Cambridge, UK. Advisor: Dr. Marco Tripodi, Mentor: Prof. Troy Margrie
- 2010-11 **Research Associate** - National Enterprise for Nanosciences and Nanotechnologies, Scuola Normale Superiore, Pisa, IT. Research Supervisor: Dr. Gian Michele Ratto

## Awards

- 2019 **Early Career Investigator Best Data Blitz** | 7<sup>th</sup> Neuroscience Symposium ‘Artificial and Biological Cognition’, Cambridge, UK
- 2018-19 **Special Awards Scheme** for research excellence | LMB-MRC, Cambridge, UK
- 2017 **Best research poster prize** | 6<sup>th</sup> Cambridge Neuroscience Symposium ‘Neural Networks in Health and Disease’, Cambridge, UK
- 2017 **Best research poster prize** | EMBO-EMBL Conference 2017 ‘Neural Circuits in the past, present and future’, Heidelberg, DE
- 2015 **Best PhD student of the year prize** | Graduate School of Biosciences and Biotechnologies (BioPhD Day), University of Padova, Padova, IT

## Grants and fellowships

- 2024 **Mnesys (OptEI)**, ‘Optical and electrophysiological interrogation of the excitation/inhibition interplay in the murine cortex in vivo’ | Co-PI of the project at IN-CNR, Padova, IT | €300k/1year
- 2023 **UCL Global Engagement Funds** (EDI fund), GEF2023/24, ‘Building more diverse and equitable research groups across Europe’ to organise [SAFE Labs workshop](#) £5K
- 2023 **PRIN under 40 2022**, 20229RSCR5, ‘Role of astrocyte Ca<sup>2+</sup> signalling for hippocampal spatial memory in a mouse model of Alzheimer's Disease’ | PI and project coordinator at IN-CNR, Padova, IT | €166K/2years

- 2023 **Telethon Multi Round Call 2022**, GMR22T1031, ‘Role of astrocyte Ca<sup>2+</sup> signalling for hippocampal spatial memory in a mouse model of familial Alzheimer's Disease’ | PI of the project at IN-CNR, Padova, IT | €160K/2years
- 2022 **CNR Short Term Mobility Fellowship** | ‘Specialized causal roles of cortical basal dendrites’ in collaboration with Prof. Matteo Carandini, University College London, UK | ~€2K
- 2019-21 **Future Leaders Programme Fellowship** | Executive Master and Job Rotations, SDA Bocconi School of Management in collaboration with Angelini Academy, Milan and Rome, IT | ~€50K/year
- 2019 **Travel Grant** | Japan-UK Neuroscience Meeting ‘Towards understanding molecular and circuit basis of neurodevelopmental and neuropsychiatric disorders’, Tokyo, JP | ~£2K
- 2017-19 **Research Associationship**, Peterhouse College, University of Cambridge, Cambridge, UK
- 2016-19 **Postdoctoral Fellowship** (Postdoctoral training scheme) | LMB-MRC, Cambridge, UK | ~£29K/year
- 2010-11 **Excellence research studentship in Molecular Biophysics** | Scuola Normale Superiore and Istituto Italiano di Tecnologia, Pisa, IT | ~20K/year

### Competitive training and workshops

- 2020 *Regulatory strategies for Orphan drugs*, Managements Forum, Rome, IT
- 2018 *Laboratory Leadership for post-doctoral fellows*, EMBO-University of Cambridge, UK
- 2018 *Laser safety for class 3B and 4; Laser users; Research Supervisors Course*, University of Cambridge, UK
- 2014 *Laser technician course*, University of Pavia, IT
- 2012 *Optical imaging and electrophysiological methods in neuroscience*, École des Neurosciences Paris, Île-de-France, FR
- 2012 *International Astrocyte School (IAS)*, Bertinoro, IT

### Public Engagement

- 2023-present Regional organiser of [Olimpiadi delle Neuroscienze](#), Veneto, IT
- 2023-present Organiser of Pint of Science, Padova, IT
- 2017-18 Organiser of Pint of Science and Creative Reaction Festival, Cambridge, UK
- 2015-18 Annual organiser of science communication and engagement for Secondary School, IT
- 2014 Speaker at Brain Awareness Week, Padova, IT