

Caterina Michetti

Ricercatore tempo Determinato, RTDA

ISTRUZIONE E FORMAZIONE

2015

PhD in Farmacologia e Tossicologia

Animal models of Autism Spectrum Disorders: behavioral, morpho-anatomical and pharmacological studies"

Università La Sapienza e Istituto Superiore di Sanità, Roma

2011

Laurea Magistrale in Neurobiologia

Università La Sapienza, Roma

2009

Laurea Triennale in Biologia

La Sapienza University, Rome

ESPERIENZA ACCADEMICA

Dal 2021

Ricercatore RTDA

Dipartimento di Medicina Sperimentale

Università di Genova

Dal 2021

Ricercatore affiliato

Center for Synaptic Neuroscience and Technology,

Istituto Italiano di Tecnologia, Genova

2015- 2021

Postdoc

Center for Synaptic Neuroscience and Technology,

Istituto Italiano di Tecnologia, Genova

2014- 2015

Visiting Fellow

MRC Social, Genetic & Developmental

King's College London, London (UK)

Febbraio 2013

Visiting Researcher

Patrick Wild Centre for Research into Autism, Fragile X Syndrome and Intellectual Disabilities, and the Centre for Integrative Physiology

University of Edinburgh

TITOLI

SEMINARI

19/09/2025 Social regression in a mouse model of autism stems from a latent phase of GABAergic dysfunction and sensory breakdown

Relatore selezionato

SOCIETA' ITALIANA DI FISILOGIA (SIF), TORINO

19/08/2025 Social regression: from a latent synaptopathy to an overt dysfunctions in multisensory social processing

Emerging group leader symposia

INTERNATIONAL SOCIETY FOR NEUROCHEMISTRY AND AMERICAN SOCIETY FOR NEUROCHEMISTRY, ISN-ASN 2025 NEW YORK, USA

20/09/2024 Animal health and experimentation: guidelines followed by researcher

Relatore invitato, workshop: Design of Rights for Animals, Nature and Future Generations

UNIVERSITÀ DEGLI STUDI SUOR ORSOLA BENINCASA, NAPOLI

03/05/2024 Specific treatment strategies to control the neuronal hyperexcitability in different animal models of epilepsy

Relatore, First MNESYS Spoke 2 Meeting Neural Plasticity & Connectivity

UNIVERSITÀ LUIGI VANVITELLI, NAPOLI

07/09/2023 Dysregulation of sensory cortical and hippocampal connectivity in a mouse model of neurodevelopmental disorders

Relatore e chair del simposio: The interplay between sensory and cognitive functions

SOCIETA' ITALIANA DI FISILOGIA (SIF), PISA

28/01/2023 Effect of low glycemic index diet in a mouse model of hereditary MTLE

Relatore selezionato, meeting: Experimental Epilepsy

LEGA ITALIANA CONTRO L' EPILESSIA (LICE),

LA SAPIENZA UNIVERSITA' DI ROMA, ROMA

22/01/2020 Excitation/inhibition imbalance and paroxysmal behavior in PRRT2 ko

Relatore selezionato, meeting: Experimental Epilepsy

LEGA ITALIANA CONTRO L' EPILESSIA (LICE),

LA SAPIENZA UNIVERSITA' DI ROMA, ROMA

GRANTS

2025-2026 Epilepsy linked toTBC1D24 Loss: pH-Targeted Pharmacological and Nanotechnological Interventions, PI

ORPHAN DISEASE CENTER MILLION DOLLAR BIKE RIDE

2023-2025 SPRING BRAIN: Steer Plasticity to Remodel Initial Neurodevelopment by spatiotemporally activating Genetically encoded engineered proteins in the BRAIN, PI
MIUR, PRIN-PNRR 2022

2022 ASD-GENESIS: from latent synaptopathy to overt dysfunctions in multisensory social processing, PI
UNIVERSITA' DI GENOVA, NEXT GENERATION EU-2022

PREMI

2025 Emerging Group Leader Award
INTERNATIONAL SOCIETY FOR NEUROCHEMISTRY (ISN) AND THE AMERICAN SOCIETY FOR NEUROCHEMISTRY (ASN), ISN-ASN 2025 MEETING

2014 Development travelling fellowship
COMPANY OF BIOLOGISTS

2014 Borsa di Perfezionamento all'estero (8 months)
LA SAPIENZA UNIVERSITÀ DI ROMA

2013 Travel Grant per partecipare alla conferenza "IBANGS meeting" Leuven, Belgio
INTERNATIONAL BEHAVIOURAL AND NEURAL GENETICS SOCIETY (IBANGS)

2013 Fellowship per partecipare alla conferenza "XX SINS National Conference", Roma
SOCIETÀ ITALIANA DI NEUROSCIENZE (SINS)