

## Curriculum Vitae

### Education and training

- **2022:** Abilitazione Scientifica Nazionale Professore II Fascia di Neurologia (06/D6) Bando 553/2021
- **2020:** PhD in Neuroscience, Tor Vergata University of Rome, Italy
- **2019:** Observership in Neurodegenerative Diseases, Tübingen University, Germany (sponsored by ERN-RND)
- **2016:** Specialization in Neurology, Tor Vergata University of Rome, Italy (50/50 cum laude)
- **2014:** Observership in Movement Disorders, University College London, UK sponsored by European COST 2014
- **2010:** Master Degree in Medicine and Surgery, Tor Vergata University of Rome, Italy (110/110 cum laude)

### Research and professional experience

- **2023-present:** Assistant Professor of Neurology (RTDB) at Tor Vergata University of Rome with a clinical role of Consultant of Neurology and Movement Disorders specialist at Policlinico Tor Vergata (Rome).

**Research activity:** PI for clinical-biological studies on Parkinson's disease (PD) and other Movement Disorders, in particular development and validation of CSF, blood and tissue biomarkers and human-based modeling for translation.

Participation to national and international genetic consortia for PD.

Participation to national observational studies on Movement Disorders.

Since 2023 member of "The role of IMMUnity in tackling PARKinson's disease through a Translational NETwork (IMMUPARKNET)" supported by COST.

Recipient as PI of the following grants: PRIN2022 (Prot. 20222FYK9R).

Bando Ricerca 2022 Fondazione Baroni Roma; Bando ricercar di Ateneo 2022 Tor Vergata University.

Under 40 Research Collaborator in PNRR-MAD-2022-12376556, Heal Italia-PNRR, PNRR-MCNT1-2023-12378408.

Member of the Italian Society of Parkinson and Movement Disorders (LIMPE-DISMOV) and Italian Society of Neurology (SIN) with active participation to congresses and events.

- **2021-23** Assistant Professor of Neurology (RTDA) at Tor Vergata University with a clinical role of Consultant of Neurology and Movement Disorders specialist at Policlinico Tor Vergata (Rome).
- **2019-21** Consultant of Neurology at Policlinico Tor Vergata and Movement Disorder specialist (NHS contract)
- **2017-19** Research Fellow and Neurologist at Bambino Gesù Children Hospital, Rome. Research activity: genotype-phenotype correlations in childhood-onset Movement Disorders and Neurodegenerative diseases. Development of digital and fluid biomarkers for childhood-onset ataxia (FRDA).

#### Technical skills and expertise

- Clinical neurology, especially PD and other Movement Disorders
- Fluid and tissue biomarkers (CSF, blood, olfactory mucosa)
- Biochemical assay techniques (e.g. ELISA, SiMOA, Western Blot, PCR)
- Basic genetics
- Basic neurophysiology and neuromodulation (clinical and animal models)
- Statistics for clinical studies
- Academic Neurology teaching (Medicine, Health Professions, Medical Specialization)
- Group leading
- National and international networking

## Researcher profile

- ResearcherID J-4596-2018
- Loop profile 210307
- Scopus Author ID 37031954800
- ORCID <https://orcid.org/0000-0002-2517-6278>

Link Uniroma2: <http://directory.uniroma2.it/index.php/schede/getCV/11808>