

EUROPEAN  
CURRICULUM VITAE  
FORMAT



**PERSONAL INFORMATION**

Name **MOSTILE, GIOVANNI**  
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Nationality Italian  
Date of Birth May 6th, 1981  
Gender Male

**WORK EXPERIENCE**

- Dates (from - to) January 16th, 2017 - January 15th, 2022
- Name and address of the employer University of Catania, IT; Department "G.F. Ingrassia"
- Type of business or sector Research activity – MED/26 Neurology
- Occupation or position held Researcher (RTD-A)
- Main activities and responsibilities Main research topics: neurodegenerative diseases; Parkinson's disease and movement disorders; neurophysiology; monitoring systems.
  
- Dates (from - to) January 16th, 2022 – today
- Name and address of the employer University of Catania, IT; Department "G.F. Ingrassia"
- Type of business or sector Research activity – MED/26 Neurology
- Occupation or position held Researcher (RTD-B)
- Main activities and responsibilities Main research topics: neurodegenerative diseases; Parkinson's disease and movement disorders; neurophysiology; monitoring systems.
  
- Dates (from - to) January 1st, 2021 – today
- Name and address of the employer Oasi Maria SS Onlus di Troina, IT
- Type of business or sector Integrated and translational research joint platform IRCCS-UNICT
- Occupation or position held Research activity
- Main activities and responsibilities Main research topics: neurodegenerative diseases; movement disorders.
  
- Dates (from - to) April 1<sup>st</sup>, 2017 – today
- Name and address of the employer U.O.C. "Clinica Neurologica"; "Ambulatorio Parkinson e Disordini del Movimento" A.O.U. "Policlinico – S. Marco", Catania
- Occupation or position held Clinical activity

**EDUCATION AND TRAINING**

- Dates (from - to) October 13<sup>th</sup>, 2006
- Organisation University of Catania, IT
- Title of qualification awarded Degree in Medicine and Surgery.
  
- Dates (from - to) January 7<sup>th</sup>, 2010
- Organisation University of Catania, IT
- Title of qualification awarded PhD in Neurovegetative Medicine.

- Dates (from - to) June 4<sup>th</sup>, 2015
- Organisation University of Catania, IT
- Title of qualification awarded Specialization in Neurology (Residency program).
  
- Dates (from - to) October 6<sup>th</sup>, 2008 – January 29<sup>th</sup>, 2010
- Organisation "Parkinson's Disease Center and Movement Disorders Clinic", Department of Neurology, Baylor College of Medicine, Houston, Texas, United States. Chair: Prof. Joseph Jankovic
- Title of qualification awarded Research Fellow.
  
- Dates (from - to) July 27<sup>th</sup>, 2009 – July 30<sup>th</sup>, 2009
- Training Course "A comprehensive review of movement disorders for the clinical practitioner", organized by "Columbia University College of Physicians and Surgeons" and held in Aspen, Colorado, United States.

## SCIENTIFIC ACTIVITY

- Research Field Research activity mainly focused on the Neuroscience field, with particular reference to the clinical, diagnostic and therapeutic aspects of Parkinson's Disease and Movement Disorders (hypo- and hyperkinetic movement disorders).
  
- Technical Skills and Competences
  - Clinical expertise in hyperkinetic and hypokinetic movement disorders.
  - Clinical expertise in pediatric movement disorders.
  - Expertise in electrophysiological techniques using quantitative EEG.
  - Expertise in instrumental analysis of human motility and stability using inertial and optokinetic sensors (Gait Lab).
  - Expertise in instrumental analysis of human tremor using motion transducers.
  - Expertise in oculomotor analysis using eye-tracking.
  - Signal analysis of biological signal using linear and non-linear techniques.
  - Expertise in neuroepidemiology.
  - Basic and advanced statistical analysis of clinical and instrumental data.
  
- Collaborations
  - Department of Engineering (DIEEI), UNICT: iron detection using fluxgate magnetometers; wearable devices integrating inertial sensors for the instrumental assessment of pull-test.
  - Department of Pediatrics, UNICT; CNR/IPCB of Catania, Italy: clinical-instrumental characterization of patients with Congenital Disorders of Glycosylation (CDG).
  
- Research Profiles
  - ORCID ID: 0000-0002-3556-7432
  - Researcher-ID: AAA-9014-2022
  - Scopus Author ID: 35798804700
  
- Bibliometrics
  - Bibliometric indicators: author of 99 works published in peer-reviewed international journals. Total citations: 1264; h-index: 20 (source: Scopus January 24<sup>th</sup>, 2023).
  
- Chapter and Books
  - "Non-motor Symptoms of Parkinson's Disease (2 ed.)". K. Ray Chaudhuri, Eduardo Tolosa, Anthony H.V. Schapira e Werner Poewe, eds. Oxford University Press, 2014. Chapter: "Thermoregulatory dysfunction in Parkinson's disease". G. Mostile, J. Jankovic, authors.
  - "Neurologia Clinica", Edizioni Idelson Gnocchi 1908 Srl. Chapter 12: "Patologie della Circolazione Liquorale". M. Zappia, C.E. Cicero, G. Mostile, E. D'Amico, authors. Chapter 2.6 "La puntura lombare ed esame del liquor", autori: M. Zappia, G. Siciliano, G. Mostile, E. D'Amico, C.E. Cicero, authors.
  
- National Scientific Qualification
  - National Scientific Qualification for Level II Professor, Sector 06 / D6 Neurology, valid from September 11<sup>th</sup>, 2019 to September 11<sup>th</sup>, 2029.
  
- Editorial Boards
  - PLOS ONE (ISSN: 1932-6203); FRONTIERS IN AGING NEUROSCIENCE (ISSN: 1663-4365)



## FUNDED STUDY PROJECTS COORDINATION

- Date (from - to) 2016 - 2018
  - Project "Piano per la Ricerca Dipartimentale 2016-2018", Department "G.F. Ingrassia", University of Catania; admitted for funding.
  - Role PI
  - Title "Observational study of association between electrocortical connectivity and voxel-based morphometry in patients with Parkinson's disease with mild cognitive impairment".
- Date (from - to) Ongoing
  - Project "Bando Segala 2021", Limpe and Italian Society of Neurology Foundations. Grant for worthy and innovative projects finalized to the treatment and assistance of Parkinson's disease.
  - Role PI
  - Title "Dopaminergic Responsiveness in Parkinsonism: a Multiparametric Approach".
- Date (from - to) Ongoing
  - Project "Piano di incentivi per la ricerca di Ateneo 2020/2022 (Pia.ce.ri.), Starting Grant", University of Catania; admitted for funding.
  - Role PI
  - Title "Data-driven Clustering of Neurodegenerative diseases based on EEG Spectrum power-law decay."

## STUDY PROJECTS PARTICIPATION

- Date (from - to) 2008 - 2010
  - Project University Research Project
  - Title "Incidenza e prevalenza della Sclerosi Multipla nel Comune di Catania".
- Date (from - to) 2014 - 2016
  - Project University Research Project (FIR)
  - Title "Microsensori per misure di deboli campi magnetici per caratterizzazione di accumuli metallici nelle malattie neurodegenerative".
- Date (from - to) 2020 - 2022
  - Project University Research Project ("Piano di Incentivi per la Ricerca di Ateneo 2020/2022")
  - Title "Clinical-Instrumental Patterns of Neurodegeneration in Essential Tremor: a Kinematic Data-driven Multimodal Approach (CIP-NET Study)".
- Date (from - to) 2020 - 2022
  - Project P.O. FESR 2014/2020
  - Title "IR3MA parkinson cyclone in life (I: innovation, R3: rehabilitation - resonance - rtd fluxgate sensor, M: Multidisciplinary, A: Approach)".
- Date (from - to) 2020 - 2022
  - Project P.O. FESR 2014/2020
  - Title "Validazione di un prodotto terapeutico innovativo per la gestione del dolore cronico primario limitando l'infiammazione persistente e la neuroinfiammazione associate (ProTiDoI)".
- Date (from - to) 2020 - 2023
  - Project PON Ricerca e Innovazione 2014-2020.
  - Title "4FRAILITY: Sensoristica intelligente, infrastrutture e modelli gestionali per la sicurezza di soggetti fragili".



## TEACHING ACTIVITY

- Date (from – to) 2023 - today
  - Course "Infermieristica" L/SNT1, Università Degli Studi di Catania: C.I. Scienze Psichiatriche e Neurologiche.
- Date (from - to) 2017 - 2022
  - Course "Ortottica ed assistenza oftalmologica" L/SNT2, Università Degli Studi di Catania: C.I. Neurologia, Neuropsichiatria Infantile e Malattie Apparato Visivo.
- Date (from - to) 2017 - today
  - Course "Scienze e tecniche delle attività motorie preventive e adattate" LM-67, Università Degli Studi di Catania: C.I. Scienze Ortopediche e Neurologiche.
- Date (from - to) 2017 - today
  - Course "Epidemiology of non-transmissible neurological diseases", Il level Master "Public Health: Specialization in Neuroepidemiology and Tropical Parasitology e Epidemiology of Chronic Diseases", Universities of Limoges (FR) and Catania (IT).

## INTERNATIONAL STUDY GROUPS PARTICIPATION AND AFFILIATIONS

- Date (from - to) 2019 - today
  - Study Group "NPH Study Group"
  - Organization International Movement Disorders Society. Chairs A. Fasano, J. Krauss.
- Date (from - to) 2019 - today
  - Affiliation European Academy of Neurology (EAN) Full Membership.
- Date (from - to) 2013 - today
  - Affiliation Società Italiana Parkinson e Disordini del Movimento/ LIMPE-DISMOV ETS.
- Date (from - to) 2011 - today
  - Affiliation Società Italiana di Neurologia (SIN).
- Date (from - to) 2008 - today
  - Affiliation Movement Disorders Society (MDS) Associate Membership.

## AWARDS

"ARTURO REGGIO" PRIZE IN CLINICAL NEUROSCIENCE X EDITION, ESTABLISHED BY THE PRIVATE NON-PROFIT ORGANIZATION "CESARE SERONO FOUNDATION" (06/04/16).

*According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV*

