



Calogero Edoardo Cicero

Date of birth: 10/12/1986 | **Nationality:** Italian | **Gender:** Male | **Phone number:** (+39) 0953782783 (Work) |

Email address: edoardo.cicero@gmail.com | **Address:** Via Santa Sofia 78, 96123, Catania, Italy (Work)

● WORK EXPERIENCE

01/01/2022 – CURRENT Catania

RESEARCHER IN CLINICAL NEUROLOGY UNIVERSITY OF CATANIA

13/02/2020 – 31/12/2021 Catania, Italy

STARTING GRANT SCHOLARSHIP FROM THE MINISTRY OF HEALTH (SG-2018-12368019) ON THE TOPIC OF "CLINICAL, NEURORADIOLOGICAL AND NEUROPHYSIOLOGICAL FEATURES OF A POPULATION BASED IRBD COHORT" AOU POLICLINICO-SAN MARCO

04/02/2019 – 26/11/2019 Catania, Italy

NEUROLOGIST - REGIONAL HEALTH PLAN PROJECT ON THE HOSPITAL-BASICE SERVICES INTEGRATION FOR PARKINSON'S DISEASE PATIENTS AOU POLICLINICO-VITTORIO EMANUELE

16/07/2018 – 27/01/2019 Catania, Italy

NEUROLOGIST I.R.C.C.S. BONINO PULEJO - CENTRO SPOKE CANNIZZARO

● EDUCATION AND TRAINING

23/01/2019 – CURRENT Catania, Italy

PHD STUDENT - NEUROSCIENCE University di Catania

Address Via Santa Sofia 78, Catania, Italy

04/09/2017 – 07/09/2018 Limoges, France

MASTER'S DEGREE IN NEUROEPIDEMIOLOGY AND TROPICAL PARASITOLOGY University of Limoges

Address Limoges, France | **Website** <https://www.unilim.fr/>

05/07/2012 – 14/07/2017 Catania, Italy

NEUROLOGIST University of Catania

Address Via Santa Sofia 78, Catania, Italy | **Website** www.unict.it | **Final grade** 70/70 e Lode

05/03/2017 – 20/06/2017

TRAINING IN THE CLINICAL NEUROPHYSIOLOGY LAB OF THE UNIVERSITY OF BOLOGNA University of Bologna

- Training in electromyography

Field of study Neurofisiologia clinica

01/11/2011 – 02/03/2012

MEDICAL LICENSE Medical College of Catania

Address Via Santa Sofia 78, Catania, Italy | **Website** www.unict.it | **Final grade** 110/110 e Lode

● LANGUAGE SKILLS

Mother tongue(s): **ITALIANO**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	B2	B2	B1	B1	B1
SPANISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Microsoft Office (strong focus on Excel and Access) | STATA (high proficiency) | R (basics) | EpiInfo | Database management and archival

● ADDITIONAL INFORMATION

PUBLICATIONS

Obsessive-compulsive personality disorder in rapid eye movement sleep behavior disorder – 2022
Luca A, Cicero CE, Giuliano L, Sgroi R, Vancheri E, Terravecchia C, Squillaci R, Rascunà C, Donzuso G, Mostile G, Sciacca G, Zappia M, Nicoletti A.

Executive functioning and serum lipid fractions in Parkinson's disease-a possible sex-effect: the PACOS study
– 2022
Luca A, Monastero R, Cicero CE, Baschi R, Donzuso G, Mostile G, Restivo V, Di Giorgi L, Caccamo M, Zappia M, Nicoletti A.

Influence of Drugs on Mild Cognitive Impairment in Parkinson's Disease: Evidence from the PACOS Study
– 2022
Cicero CE, Monastero R, Terravecchia C, Donzuso G, Luca A, Baschi R, Caccamo M, Mostile G, Giuliano L, Zappia M, Nicoletti A.

Epidemiology of Primary Brain Tumors in the Province of Catania during the 2003-2016 Period – 2021
Chebil C, Boumediene F, Cicero CE, Rascunà C, Di Prima A, Torrisi AAM, Ippolito A, Sciacca S, Zappia M, Preux PM, Ferrante M, Nicoletti A; CT-ME-EN Cancer Registry Workers.

Burden of Parkinson's disease in Sicily: a health administrative database study. – 2021
Cicero CE, Scondotto S, Allotta AV, De Luca G, Murolo G, Nicoletti A, Zappia M.

Prevalence of isolated RBD in the city of Catania, Italy: a population-based study. – 2021
Cicero CE, Giuliano L, Sgroi R, Squillaci R, Terravecchia C, Vancheri E, Todaro V, Reitano P, Rizzo S, Luca A, Mostile G, Paradisi V, Zappia M, Nicoletti A; Italian Society of General Medicine (SIMG) of Catania Study Group.

Retinal thickness and microvascular pathway in Idiopathic Rapid eye movement sleep behaviour disorder and Parkinson's disease.

– 2021

Rascunà C, Cicero CE, Chisari CG, Russo A, Giuliano L, Castellino N, Terravecchia C, Grillo M, Longo A, Avitabile T, Zappia M, Reibaldi M, Nicoletti A

A.Clinical-Instrumental patterns of neurodegeneration in Essential Tremor: A data-driven approach.

– 2021

Mostile G, Terranova R, Rascunà C, Terravecchia C, **Cicero CE**, Giuliano L, Davì M, Chisari C, Luca A, Preux PM, Jankovic J, Zappia M, Nicoletti A

10.1016/j.parkreldis.2021.05.011

Incidence, survival and geoepidemiological analysis of Meningiomas and Glioblastomas in the province of Catania during the 2003-2016 period.

– 2021

Chebil C, Boumediene F, **Cicero CE**, Rascunà C, Di Prima A, Maria Torrisi AA, Torrisi A, Sciacca S, Zappia M, Preux PM, Ferrante M, Nicoletti A; of CT-ME-EN Cancer Registry Workers.

10.1016/j.envres.2021.111286.

Genetic characterization of a cohort with familial parkinsonism and cognitive-behavioral syndrome: A Next Generation Sequencing study.

– 2021

Picillo M, Ginevrino M, Dati G, Scannapieco S, Vallelunga A, Siano P, Volpe G, Ceravolo R, Nicoletti V, **Cicero E**, Nicoletti A, Zappia M, Peverelli S, Silani V, Pellecchia MT, Valente EM, Barone P.

10.1016/j.parkreldis.2021.01.024

Toxoplasma gondii and multiple sclerosis: A systematic review and meta-analysis – 2021

Cicero CE, Allibrio FE, Giuliano L, Luna J, Preux PM, Nicoletti A.

Structural MRI substrate of long-duration response to levodopa in Parkinson's disease: an exploratory study.

– 2021

Donzuso G, Sciacca G, Rascunà C, **Cicero CE**, Mostile G, Nicoletti A, Zappia M.

10.1007/s00415-021-10550-5

The impact of COVID-19 pandemic on frail health systems of low- and middle-income countries: The case of epilepsy in the rural areas of the Bolivian Chaco.

– 2021

Nicoletti A, Todaro V, **Cicero CE**, Giuliano L, Zappia M, Cosmi F, Vilte E, Bartoloni A, Crespo Gómez EB.

10.1016/j.yebeh.2021.107917

Phonemic Verbal Fluency and Midbrain Atrophy in Progressive Supranuclear Palsy. – 2021

Luca A, Nicoletti A, Donzuso G, Terravecchia C, **Cicero CE**, D'Agate C, Rascunà C, Manna R, Mostile G, Zappia M.

10.3233/JAD-210023

Changes in Motor, Cognitive, and Behavioral Symptoms in Parkinson's Disease and Mild Cognitive Impairment During the COVID-19 Lockdown

– 2021

Baschi R, Luca A, Nicoletti A, Caccamo M, **Cicero CE**, D'Agate C, Di Giorgi L, La Bianca G, Lo Castro T, Zappia M, Monastero R.

10.3389/fpsy.2020.590134.

. Neuroanatomical changes in early Parkinson's disease with mild cognitive impairment: a VBM study; the Parkinson's Disease Cognitive Impairment Study (PaCoS).

– 2020

Donzuso G, Monastero R, **Cicero CE**, Luca A, Mostile G, Giuliano L, Baschi R, Caccamo M, Gagliardo C, Palmucci S, Zappia M, Nicoletti A

10.3389/fpsyt.2020.590134

Cognitive impairment and levodopa induced dyskinesia in Parkinson's disease: a longitudinal study from the PACOS cohort.

– 2021

Luca A, Monastero R, Baschi R, **Cicero CE**, Mostile G, Davì M, Restivo V, Zappia M, Nicoletti A.

10.1038/s41598-020-79110-7

Prevalence of idiopathic REM behavior disorder: a systematic review and meta-analysis. – 2021

Cicero CE, Giuliano L, Luna J, Zappia M, Preux PM, Nicoletti A.

10.1093/sleep/zsaa294

Usefulness of a smartphone application for the diagnosis of epilepsy: Validation study in high-income and rural low-income countries.

– 2020

Giuliano L, **Cicero CE**, Trimarchi G, Todaro V, Colli C, Crespo Gómez EB, Bartoloni A, Sofia V, Patterson V, Zappia M, Nicoletti A.

10.1016/j.yebeh.2020.107680

Toxoplasma gondii and multiple sclerosis: a population-based case-control study. – 2020

Nicoletti A, **Cicero CE**, Giuliano L, Todaro V, Lo Fermo S, Chisari C, D'Amico E, Paradisi V, Mantella A, Bartoloni A, Sofia V, Patti F, Zappia M.

10.1038/s41598-020-75830-y

Retinal Thickness and Microvascular Pattern in Early Parkinson's Disease. – 2020

Rascunà C, Russo A, Terravecchia C, Castellino N, Avitabile T, Bonfiglio V, Fallico M, Chisari CG, **Cicero CE**, Grillo M, Longo A, Luca A, Mostile G, Zappia M, Reibaldi M, Nicoletti A.

10.3389/fneur.2020.533375

Transcranial random noise stimulation over the primary motor cortex in PD-MCI patients: a crossover, randomized, sham-controlled study.

– 2020

Monastero R, Baschi R, Nicoletti A, Pilati L, Pagano L, **Cicero CE**, Zappia M, Brighina F.

10.1007/s00702-020-02255-2

Vascular risk factors, white matter lesions and cognitive impairment in Parkinson's disease: the PACOS longitudinal study.

– 2021

Nicoletti A, Luca A, Baschi R, **Cicero CE**, Mostile G, Davì M, La Bianca G, Restivo V, Zappia M, Monastero R.

10.1007/s00415-020-10189-8

Parasomnias, sleep-related movement disorders and physiological sleep variants in focal epilepsy: A polysomnographic study.

– 2020

Giuliano L, Mainieri G, **Cicero CE**, Battaglia G, Guccione A, Salomone S, Drago F, Nicoletti A, Sofia V, Zappia M.

10.1016/j.seizure.2020.07.026

Comic book-based educational program on epilepsy for high-school students: Results from a pilot study in the Gran Chaco region, Bolivia.

– 2020

Cicero CE, Giuliano L, Todaro V, Colli C, Padilla S, Vilte E, Crespo Gómez EB, Camargo Villarreal WM, Bartoloni A, Zappia M, Nicoletti A.

10.1016/j.yebeh.2020.107076

Incidence of multiple sclerosis in the province of Catania. A geo-epidemiological study. – 2020

Nicoletti A, Rascunà C, Boumediene F, Vasta R, **Cicero CE**, Lo Fermo S, Ferrante M, Marziolo R, Maimone D, Grimaldi LM, Preux PM, Patti F, Zappia M.

10.1016/j.envres.2019.109022.

Cardiovascular autonomic function and MCI in Parkinson's disease.

Cicero CE, Raciti L, Monastero R, Mostile G, Donzuso G, Sciacca G, Luca A, Terravecchia C, Giuliano L, Baschi R, Davì M, Zappia M, Nicoletti A.

10.1016/j.parkreldis.2019.10.023

Lack of evidence for Toxocara infection in Italian myelitis patients. – 2019

Nicoletti A, García HH, **Cicero CE**, Portaro G, Giuliano L, Patti F, Sofia V, Noh J, Handali S, Zappia M.

10.1007/s10072-019-04017-9.

Seroprevalence of *Toxocara Canis* in the city of Catania, Italy. – 2019

Nicoletti A, **Cicero CE**, Mantella A, Giuliano L, Rascunà C, Paradisi V, Bartoloni A, Zappia M, Sofia V.

10.4084/MJHID.2019.031

A screening questionnaire for generalized tonic-clonic seizures: Hospital-based validation vs field-validation method.

– 2019

Giuliano L, **Cicero CE**, Crespo Gómez EB, Sofia V, Zappia M, Nicoletti A.

10.1002/epi4.12315

Electrocortical networks in Parkinson's disease patients with Mild Cognitive Impairment. The PaCoS study.

Mostile G, Giuliano L, Monastero R, Luca A, **Cicero CE**, Donzuso G, Dibilio V, Baschi R, Terranova R, Restivo V, Sofia V, Zappia M, Nicoletti A.

10.1016/j.parkreldis.2019.03.027

Mild Behavioral Impairment in Parkinson's Disease: Data from the Parkinson's Disease Cognitive Impairment Study (PACOS).

– 2019

Baschi R, Restivo V, Nicoletti A, **Cicero CE**, Luca A, Recca D, Zappia M, Monastero R.

10.3233/JAD-181117

Incidence of Mild Cognitive Impairment and Dementia in Parkinson's Disease: The Parkinson's Disease Cognitive Impairment Study.

– 2019

Nicoletti A, Luca A, Baschi R, **Cicero CE**, Mostile G, Davì M, Pilati L, Restivo V, Zappia M, Monastero R.

10.3389/fnagi.2019.00021

Lack of association between *Toxocara canis* and multiple sclerosis: A population-based case-control study.

– 2019

Cicero CE, Patti F, Lo Fermo S, Giuliano L, Rascunà C, Chisari CG, D'Amico E, Paradisi V, Marin B, Preux PM, Mantella A, Bartoloni A, Zappia M, Nicoletti A.

10.1177/1352458518825394.

Accuracy of MDS-UPDRS section IV for detecting motor fluctuations in Parkinson's disease. – 2019

Raciti L, Nicoletti A, Mostile G, Bonomo R, Dibilio V, Donzuso G, Sciacca G, **Cicero CE**, Luca A, Zappia M.

10.1007/s10072-019-03745-2.

Knowledge, stigma, and quality of life in epilepsy: Results before and after a community-based epilepsy awareness program in rural Bolivia.

Giuliano L, **Cicero CE**, Padilla S, Rojo Mayaregua D, Camargo Villarreal WM, Sofia V, Zappia M, Bartoloni A, Crespo Gómez EB, Nicoletti A.

10.1016/j.yebeh.2018.11.036.

Complexity of electrocortical activity as potential biomarker in untreated Parkinson's disease. – 2019

Mostile G, Giuliano L, Dibilio V, Luca A, **Cicero CE**, Sofia V, Nicoletti A, Zappia M.

10.1007/s00702-018-1961-6

Treating People With Epilepsy in Rural Low-Income Countries Is Feasible. Observations and Reflections From a "Real Life Experience" After a Long Lasting Intervention in the Rural Chaco.

– 2018

Nicoletti A, Giuliano L, Colli C, **Cicero CE**, Padilla S, Vilte E, Rojo Mayaregua D, Martinez MDC, Camargo M, Zappia M, Bartoloni A, Crespo Gómez EB

10.3389/fneur.2018.00855

Updated evidence of the association between toxocariasis and epilepsy: Systematic review and meta-analysis.

– 2018

Luna J, **Cicero CE**, Rateau G, Quattrocchi G, Marin B, Bruno E, Dalmay F, Druet-Cabanac M, Nicoletti A, Preux PM

10.1371/journal.pntd.0006665

Temperament traits and executive functions in Parkinson's disease. – 2018

Luca A, Nicoletti A, Mostile G, Sciacca G, Dibilio V, **Cicero CE**, Raciti L, Donzuso G, Zappia M

10.1016/j.neulet.2018.06.040

Knowledge and attitudes towards epilepsy among nonmedical health workers in rural Bolivia: Results after a long-term activity in the Chaco region.

– 2018

Giuliano L, **Cicero CE**, Padilla S, Camargo M, Sofia V, Zappia M, Bartoloni A, Crespo Gómez EB, Nicoletti A.

10.1016/j.yebeh.2018.05.026

Knowledge, attitudes, and practices towards epilepsy among general practitioners in rural Bolivia: Results before and after a training program on epilepsy.

– 2018

Giuliano L, **Cicero CE**, Padilla S, Camargo M, Sofia V, Zappia M, Bartoloni A, Crespo Gómez EB, Nicoletti A.

10.1016/j.yebeh.2018.02.030

Mild cognitive impairment in Parkinson's disease: the Parkinson's disease cognitive study (PACOS) – 2018

Monastero R, **Cicero CE**, Baschi R, Davì M, Luca A, Restivo V, Zangara C, Fierro B, Zappia M, Nicoletti A.

10.1007/s00415-018-8800-4

Dopaminergic and non-dopaminergic gait components assessed by instrumented timed up and go test in Parkinson's disease.

– 2017

Dibilio V, Nicoletti A, Mostile G, Toscano S, Luca A, Raciti L, Sciacca G, Vasta R, **Cicero CE**, Contrafatto D, Zappia M.

10.1007/s00702-017-1794-8

Metals and neurodegenerative diseases. A systematic review. – 2017

Cicero CE, Mostile G, Vasta R, Rapisarda V, Signorelli SS, Ferrante M, Zappia M, Nicoletti A.

10.1016/j.envres.2017.07.048.

Quantitative estimation of motor fluctuations in Parkinson's disease. – 2017

39: Bonomo R, Mostile G, Raciti L, Contrafatto D, Dibilio V, Luca A, Sciacca G, **Cicero CE**, Vasta R, Nicoletti A, Zappia M

10.1016/j.parkreldis.2017.05.027

Iron and Parkinson's disease: A systematic review and meta-analysis. – 2017

Mostile G, **Cicero CE**, Giuliano L, Zappia M, Nicoletti A.

10.3892/mmr.2017.6386

A screening questionnaire for convulsive seizures: A three-stage field-validation in rural Bolivia. – 2017

Giuliano L, **Cicero CE**, Crespo Gómez EB, Padilla S, Bruno E, Camargo M, Marin B, Sofia V, Preux PM, Strohmeyer M, Bartoloni A, Nicoletti A.

10.1371/journal.pone.0173945

Geo-helminthiasis among migrants in Sicily: a possible focus for re-emerging neurocysticercosis in Europe.

– 2017

Patamia I, Nicotra P, Amodeo D, Giuliano L, **Cicero CE**, Nicoletti A.

10.1007/s10072-017-2899-4

Side effects induced by the acute levodopa challenge in Parkinson's Disease and atypical parkinsonisms.

– 2017

Vasta R, Nicoletti A, Mostile G, Dibilio V, Sciacca G, Contrafatto D, **Cicero CE**, Raciti L, Luca A, Zappia M.

10.1371/journal.pone.0172145

Switching L-dopa Therapy from Pulsatile to Pulse Administration Reduces Motor Complications in Parkinson's Disease.

– 2017

Mostile G, Nicoletti A, Dibilio V, Luca A, Raciti L, Sciacca G, **Cicero CE**, Vasta R, Donzuso G, Contrafatto D, Zappia M.

10.1097/WNF.0000000000000186.

Magnetic Resonance Parkinsonism Index: diagnostic accuracy of a fully automated algorithm in comparison with the manual measurement in a large Italian multicentre study in patients with progressive supranuclear palsy.

– 2017

Nigro S, Arabia G, Antonini A, Weis L, Marcante A, Tessitore A, Cirillo M, Tedeschi G, Zanigni S, Calandra-Buonaura G, Tonon C, Pezzoli G, Cilia R, Zappia M, Nicoletti A, **Cicero CE**, Tinazzi M, Tocco P, Cardobi N, Quattrone A.

10.1007/s00330-016-4622-x

Obsessive compulsive personality disorder in Progressive Supranuclear Palsy, Multiple System Atrophy and Essential Tremor.

– 2016

Nicoletti A, Luca A, Luca M, Donzuso G, Mostile G, Raciti L, Contrafatto D, Dibilio V, Sciacca G, **Cicero CE**, Vasta R, Petralia A, Zappia M.

10.1016/j.parkreldis.2016.06.015

Validation of the UPDRS section IV for detection of motor fluctuations in Parkinson's disease. – 2016

Raciti L, Nicoletti A, Mostile G, Bonomo R, Contrafatto D, Dibilio V, Luca A, Sciacca G, **Cicero CE**, Vasta R, Zappia M.

10.1016/j.parkreldis.2016.03.008

A case of severe leg oedema in a patient with Parkinson's disease treated with pramipexole. – 2016

Cicero CE, Nicoletti A, Mostile G, Zappia M.

10.1136/postgradmedj-2016-133990

Magnetic resonance parkinsonism index in progressive supranuclear palsy and vascular parkinsonism.

– 2016

Mostile G, Nicoletti A, **Cicero CE**, Cavallaro T, Bruno E, Dibilio V, Luca A, Sciacca G, Raciti L, Contrafatto D, Chiaramonte I, Zappia M.

10.1007/s10072-016-2489-x

Electroencephalographic lateralization, clinical correlates and pharmacological response in untreated Parkinson's disease.

– 2015

Mostile G, Nicoletti A, Dibilio V, Luca A, Pappalardo I, Giuliano L, **Cicero CE**, Sciacca G, Raciti L, Contrafatto D, Bruno E, Sofia V, Zappia M.

10.1016/j.parkreldis.2015.06.006

Multiple Sclerosis in the Mount Etna region: possible role of volcanogenic trace elements. – 2013

Nicoletti A, Bruno E, Nania M, **Cicero E**, Messina S, Chisari C, Torrisi J, Maimone D, Marziolo R, Lo Fermo S, Patti F, Giammanco S, Zappia M.

10.1371/journal.pone.0074259

HONOURS AND AWARDS

2018

Arturo Reggio prize in Clinical Neurology – Fondazione Cesare Serono

2017

"Prize for quality and clinical risk management" – AOU Policlinico-Vittorio Emanuele

2019

Fellow of the European Board of Neurology – European Board of Neurology

NETWORKS AND MEMBERSHIPS

CURRENT

Member of the European Academy of Neurology

CURRENT

Member of the Italian Society of Neurology

CURRENT

Member of the Italian Society for the study of Dementias (SINDEM)

CURRENT

Member of the Italian society of Parkinson's Diseases and Movement Disorders (LIMPE/DISMOV)

CURRENT

Member of the Movement Disorders Society

CATANIA 24/01/2023

