



Curriculum Vitae Europass

Personal information

Surname / First name **Zampogna Alessandro**

**Title MD, Neurologist,
PhD fellow
Occupational field
Experimental and Clinical
Neuroscience,
Neurodegenerative
Diseases, Movement
Disorders Work
Experience**

Department of Human
Neurosciences, Sapienza University of
Rome, Italy.

Dates 01/2022 – Present

Position held PhD fellow in Clinical and Experimental Neurosciences and Psychiatry,

Dates 05/2021-07/2021

Position held Clinical fellow, Movement Disorders Unit, Centre Hospitalier Universitaire
Grenoble Alpes, Grenoble, France. Supervisor: Prof. Elena Moro.

Dates 2020 – 2021

Position held Sub-investigator at Phase 3 Multicenter Study of TD-9855 in Treating
Symptomatic Neurogenic Orthostatic Hypotension in Subjects with Primary
Autonomic Failure - Theravance Biopharma. Principal Investigator: Prof.
Giovanni Fabbrini.

Dates 2019 – 2021

Position held Resident doctors' affairs representative, Department of Human Neurosciences,
Sapienza University of Rome, Italy.

Dates 29/12/2017 – 29/12/2021

Position held Residency in Neurology, Department of Human Neurosciences, Sapienza
University of Rome, Italy.

Dates 06/2017 – 12/2017

Position held Primary

care physician (i.e., locum doctor) at Vibo Valentia local health district, Italy.

Educatio

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Dates 02-08 April 2022

"XX Basic Course in EMG and Evoked Potentials", Italian Society of Clinical Neurophysiology,
Sorrento (NA), Italy

Dates 03-04/03/2022

"Course on directional systems programming", Boston Scientific, Milan, Italy

Dates 11/2021 – ongoing

Position held PhD fellow in Clinical and Experimental Neurosciences and Psychiatry,
Neurosciences, Sapienza University of Rome, Italy

Department of Human

Dates 30-31/10/2021

"Advanced Applied Statistics and Research Methodology for Medical and Social Sciences". Neocortex ETS, Rome, Italy.

Dates 14/10/2021

"MDS-UPDRS Training Program & Certificate Exercise". International Parkinson and Movement Disorder Society (MDS).

Dates 17-18/09/2021 and 08-09/10/2021

High School of Movement Disorders, Academy for the study of Parkinson's disease and movement disorders (LIMPE-DISMOV), Salerno and Turin, Italy.

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"Applied Statistics and Research Methodology for Medical and Social Sciences" course, Neocortex ETS, Rome, Italy.

Dates 11/2020

"MDS-ES Virtual School for Young Neurologists". International Parkinson and Movement Disorder Society (MDS).

Dates 07-08/2020

"Virtual Aspen Course in Movement Disorders, A Comprehensive Review of Movement Disorders for the Clinical Practitioner". International Parkinson and Movement Disorder Society (MDS).

Dates 12/02/2020

"InForm 6.1 for Site Users", an Oracle Health Sciences Training Course. Oracle Health Sciences.

Dates 21/10/2019

"ICH Good Clinical Practice E6 (R2)". The Global Health Network (e-learning course).

Dates 20-21/09/2019

"Theravance Biopharma Sequoia & Redwood Studies Investigator Meeting". Nice, France.

Dates 30/08/2019

"C-SSRS Training – Italian Training". Research Foundation for Mental Hygiene (RFMH).

Dates 27/08/2019

Training and certification to administer and score the Montreal Cognitive Assessment (MoCA). Dr Nasreddine, Ziad, MD.

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Position held Residency in Neurology, Department of Human Neurosciences, Sapienza University of Rome, Italy. Title of Dissertation: "Axial Impairment in Parkinson's Disease: Multimodal Assessment of Gait and Balance". Final mark: 70/70. Supervisor: Prof. Alfredo Berardelli. Co-Supervisor: Prof. Antonio Suppa.

Dates 03/2017

Title of qualification awarded Professional Qualification as Medical Doctor (OMCEOVV 1488).

Dates

Title of qualification awarded faculty of Medicine and Surgery,
 2010 - 2016 Sapienza University of Rome, Italy. Title of Dissertation: "Kinematic study of
 Master Degree in Medicine and Freezing of Gait in
 Surgery (summa cum laude), Parkinson's Disease by means of Magnetic-Inertial Sensors". Supervisor:
 Prof. Alfredo Berardelli; Co-Supervisor: Prof. Antonio Suppa.

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 Position held "Excellence Path" student, Sapienza University of Rome, Italy.
 (i.e. extracurricular academic programme for worthy students to be involved in
 research activities).

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 Title of qualification awarded Upper secondary education diploma (specialization: Classical Lyceum; final
 mark 100/100), Liceo Classico M. Morelli, Vibo Valentia, Italy.

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s) **English**

Self-assessment European level (*)	Understanding		Speaking		Writing	
	Listening	Reading	Spoken interaction	Spoken production		
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English

Grants, Awards and Honours

Dates 10/2021
 Scholarship winner for the XXXVII PhD cycle in "Clinical and Experimental Neurosciences and
 Psychiatry", Sapienza University of Rome, Italy

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Dates 2020 – Present

Reviewer Board Member of *Sensors* and *Applied Sciences*, Open Access Journals from MDPI (ISSN 1424-8220 and 2076-3417, respectively).

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Member of the Italian Society of Clinical Neurophysiology (SINC).

Dates 2018 - Present

Member of the Italian Society of Neurology (SIN).

Dates 05/2017

“Excellent graduate”, Sapienza University of Rome, Italy (i.e., one of the most meritorious student of Sapienza University of Rome in the academic year 2015/2016).

List of Publications

Ferese R, Scala S, Suppa A, Campopiano R, Asci F, Chiaravalloti MA, Fittipaldi F, Buttari F, Di Pardo A, Giardina E, Zampatti S, Fornai F, Novelli G, Fanelli M, Zecca C, **Zampogna A**, D’Alessio C,

Logroscino G, Centonze D, Gambardella S. Decipher non-canonical SPAST splicing mutations with the help of functional assays in patients affected by spastic paraplegia 4 (SPG4). *Clin Genet*. 2022. doi: 10.1111/cge.14142

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Manoni A, Gumiero A, **Zampogna A**, Ciarlo C, Panetta L, Suppa A, Della Torre L, Irrera F. Long-Term Polygraphic Monitoring through MEMS and Charge Transfer for Low-Power Wearable Applications. *Sensors* 2022, 22, 2566. <https://doi.org/10.3390/s22072566>

Zampogna A, D’Onofrio V, Suppa A. Theta rhythms may support executive functions in Parkinson’s disease with freezing of gait. *Clinical Neurophysiology* 2022, S1388-2457(22)00170-5; <https://doi.org/10.1016/j.clinph.2022.02.007>

Asci F, Vivacqua G, **Zampogna A**, D’Onofrio V, Mazzeo A, Suppa A. Wearable Electrochemical Sensors in Parkinson’s Disease. *Sensors* 2022, 22(3), 951; <https://doi.org/10.3390/s22030951>

Borzi L, Mazzetta I, **Zampogna A**, Suppa A, Irrera F, Olmo G. Predicting Axial Impairment in Parkinson’s Disease through a Single Inertial Sensor. *Sensors (Basel)* 2022, 22(2), 412; <https://doi.org/10.3390/s22020412>

Guerra A, Asci F, **Zampogna A**, D'Onofrio V, Suppa A, Fabbrini G, Berardelli A. Long-term changes in short-interval intracortical facilitation modulate motor cortex plasticity and L-dopa-induced dyskinesia in Parkinson's disease. *Brain Stimulation* 2022; 15:99-108. <https://doi.org/10.1016/j.brs.2021.11.016> **Zampogna A**, Mileti I, Martelli F, Paoloni M, Del Prete Z, Palermo E, Suppa A. Early balance impairment in Parkinson's disease: evidence from robot-assisted axial rotations. *Clin Neurophysiol.* 2021; 132(10):2422-2430. doi: 10.1016/j.clinph.2021.06.023.

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- Bianchini E, Mancuso M, **Zampogna A**, Guerra A, Suppa A. Cardiac cycle does not affect motor evoked potential variability: a real-time EKG-EMG study. *Brain Stimul.* 2021; 14(1):170-172. doi: 10.1016/j.brs.2020.12.009.
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- Asci F, Costantini G, Di Leo P, **Zampogna A**, Ruoppolo G, Berardelli A, Saggio G, Suppa A. Machinelearning analysis of voice samples recorded through smartphones: the combined effect of ageing and gender. *Sensors (Basel).* 2020; 20:e5022. doi:10.3390/s20185022.
- Zampogna A**, Mileti I, Palermo E, Celletti C, Paoloni M, Manoni A, Mazzetta I, Dalla Costa G, PérezLópez C, Camerota F, Leocani L, Cabestany J, Irrera F, Suppa A. Fifteen years of wireless sensors for balance assessment in neurological disorders. *Sensors (Basel).* 2020; 20:3247. doi:10.3390/s20113247.
- Mileti I*, **Zampogna A***, Santuz A, Asci F, Del Prete Z, Arampatzis A, Palermo E, Suppa A. Muscle synergies in Parkinson's disease. *Sensors (Basel).* 2020; 20:3209. doi:10.3390/s20113209. * coauthorship
- Bharti K, Suppa A, Tommasin S, **Zampogna A**, Pietracupa S, Berardelli A, Pantano P. Neuroimaging advances in Parkinson's disease with freezing of gait: a systematic review. *Neuroimage Clin.* 2019; 24:102059. doi:10.1016/j.nicl.2019.102059.
- Bharti K, Suppa A, Pietracupa S, Upadhyay N, Gianni C, Leodori G, Di Biasio F, Modugno N, Petsas N, Grillea G, **Zampogna A**, Berardelli A, Pantano P. Aberrant functional connectivity in patients with Parkinson's disease and freezing of gait: a within- and between-network analysis. *Brain Imaging Behav.* 2019. doi:10.1007/s11682-019-00085-9.
- Mazzetta I, **Zampogna A**, Suppa A, Gumiero A, Pessione M, Irrera F. Wearable sensors system for an improved analysis of freezing of gait in Parkinson's disease using electromyography and inertial signals. *Sensors (Basel).* 2019; 19:948. doi:10.3390/s19040948.
- Bharti K, Suppa A, Pietracupa S, Upadhyay N, Gianni C, Leodori G, Di Biasio F, Modugno N, Petsas N, Grillea G, **Zampogna A**, Berardelli A, Pantano P. Abnormal cerebellar connectivity patterns in patients with Parkinson's disease and freezing of gait. *Cerebellum.* 2018; 18:298-308. doi:10.1007/s12311-018-0988-4.
- Mazzetta I, Gentile P, Pessione M, Suppa A, **Zampogna A**, Bianchini E, Irrera F. Stand-alone wearable system for ubiquitous real-time monitoring of muscle activation potentials. *Sensors (Basel).* 2018; 18:1748. doi:10.3390/s18061748.
- Pietracupa S, Suppa A, Upadhyay N, Gianni C, Grillea G, Leodori G, Modugno N, Di Biasio F, **Zampogna A**, Colonnese C, Berardelli A, Pantano P. Freezing of gait in Parkinson's disease: gray and white matter abnormalities. *J Neurol.* 2018; 265:52-62. doi:10.1007/s00415-017-8654-1.
- Suppa A, Kita A, Leodori G, **Zampogna A**, Nicolini E, Lorenzi P, Rao R, Irrera F. L-Dopa and freezing of gait in Parkinson's disease: objective assessment through a wearable wireless system. *Front Neurol.* 2017; 8:406. doi:10.3389/fneur.2017.00406.

Rome, 17/05/2022
Alessandro Zampogna

Autorizzo il trattamento dei dati personali presenti nel CV ai sensi del D.Lgs. 2018/101 e del GDPR (Regolamento UE 2016/679).



Curriculum Vitae Europass

**Personal
information**

Surname / First

name **Zampogna Alessandro**

Nationality Italian

Title MD, Neurologist, PhD fellow
Occupational field Experimental and Clinical Neuroscience, Neurodegenerative Diseases, Movement Disorders
Work Experience

Department of Human
Neurosciences, Sapienza University of Rome, Italy.

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Position held Primary care physician (i.e., locum doctor) at Vibo Valentia local health district, Italy.

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Neurosciences, Sapienza University of Rome, Italy

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ETS, Rome, Italy.

	<p>Dates 14/10/2021 “MDS-UPDRS Training Program & Certificate Exercise”. International Parkinson and Movement Disorder Society (MDS).</p> <p>Dates 17-18/09/2021 and 08-09/10/2021 High School of Movement Disorders, Academy for the study of Parkinson's disease and movement disorders (LIMPE-DISMOV), Salerno and Turin, Italy.</p> <p>Dates 06/2021 “Applied Statistics and Research Methodology for Medical and Social Sciences” course, Neocortex ETS, Rome, Italy.</p> <p>Dates 11/2020 “MDS-ES Virtual School for Young Neurologists”. International Parkinson and Movement Disorder Society (MDS).</p> <p>Dates 07-08/2020 “Virtual Aspen Course in Movement Disorders, A Comprehensive Review of Movement Disorders for the Clinical Practitioner”. International Parkinson and Movement Disorder Society (MDS).</p>
<p>“InForm 6.1 for Site Users”,</p>	<p>Dates 12/02/2020 an Oracle Health Sciences Training Course. Oracle Health Sciences.</p> <p>Dates 21/10/2019 “ICH Good Clinical Practice E6 (R2)”. The Global Health Network (e-learning course).</p> <p>Dates 20-21/09/2019 “Theravance Biopharma Sequoia & Redwood Studies Investigator Meeting”. Nice, France.</p> <p>Dates 30/08/2019 “C-SSRS Training – Italian Training”. Research Foundation for Mental Hygiene (RFMH).</p> <p>Dates 27/08/2019 Training and certification to administer and score the Montreal Cognitive Assessment (MoCA). Dr Nasreddine, Ziad, MD.</p>
<p>Sapienza University of Rome,</p>	<p>Dates 29/12/2017 – 29/12/2021 Position held Residency in Neurology, Department of Human Neurosciences, Italy. Title of Dissertation: “Axial Impairment in Parkinson's Disease: Multimodal Assessment of Gait and Balance”. Final mark: 70/70. Supervisor: Prof. Alfredo Berardelli. Co-Supervisor: Prof. Antonio Suppa.</p>
<p>Title of qualification</p>	<p>Dates 03/2017 awarded Professional Qualification as Medical Doctor (OMCEOVV 1488).</p>
<p>Title of qualification Medicine and Surgery, Sapienza</p>	<p>Dates 2010 - 2016 awarded Master Degree in Medicine and Surgery (summa cum laude), faculty of University of Rome, Italy. Title of Dissertation: “Kinematic study of Freezing of Gait in Parkinson's Disease by means of Magnetic-Inertial Sensors”. Supervisor: Prof. Alfredo Berardelli; CoSupervisor: Prof. Antonio Suppa.</p>
	<p>Dates 2014 – 2016 Position held “Excellence Path” student, Sapienza University of Rome, Italy. (i.e. extracurricular academic programme for worthy students to be involved in research activities).</p>

Title of qualification | Dates 2005 - 2010
 awarded Upper secondary education diploma (specialization: Classical Lyceum; final mark 100/100), Liceo Classico M. Morelli, Vibo Valentia, Italy.

**Personal skills
 and
 competences**

Mother tongue(s) **Italian**
 Other language(s) **English**

Self-
 assessment

European level
 (*)

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B2 Upper-Intermediate	C1 Advanced	B2 Intermediate Upper-	B2 Intermediate Upper-	C1 Advanced

English

Grants, Awards and Honours

Scholarship winner for the

Dates 10/2021

XXXVII PhD cycle in "Clinical and Experimental Neurosciences and Psychiatry", Sapienza University of Rome, Italy.

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Italian Society of Neurology (SIN).

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“Excellent graduate”, Sapienza University of Rome, Italy (i.e., one of the most meritorious student of Sapienza University of Rome in the academic year 2015/2016).

F, Buttari F, Di Pardo A, Giardina E, Zampatti S, Fornai F, Novelli G, Fanelli M, R, Asci F, Chiaravallotti MA, **Zampogna A**, D'Alessio C,

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Autorizzo il trattamento dei dati personali presenti nel CV ai sensi del D.Lgs. 2018/101 e del GDPR (Regolamento UE 2016/679).

ELENCO PUBBLICAZIONI ALESSANDRO ZAMPOGNA

Tutte le pubblicazioni qui riportate sono visualizzabili in esteso al seguente indirizzo di cartella drive:

<https://drive.google.com/file/d/1rSDPuSo6WSMTRsuUYOVbj4HVh50fXbD9/view?usp=sharing>

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