

Matilde Inglese, MD, PhD



Date of Birth: 15/05/1967
Place of Birth: Bari (BA), Italy
Nationality: italian

Full Address

University of Genoa - Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics, Maternal and Child Health (DINOGMI) Largo Paolo Daneo 3, 16132, Genoa, Italy
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PROFESSIONAL EXPERIENCE AND CURRENT POSITION

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|-----------------|---------------------------------------------------------------------------------------------------------------------------|
| [2002 - 2003] | Research Assistant
New York University, Medical Center (USA) |
| [2004 - 2007] | Assistant Professor of Radiology, Neuroscience and Biomedical Imaging
New York University, Medical Center (USA) |
| [2007 - 2010] | Associate Professor of Radiology and Neurology (tenure track)
New York University, Medical Center (USA) |
| [2011 - 2017] | Associate Professor with tenure Neurology and Neuroscience
Icahn School of Medicine at Mount Sinai (USA) |
| [2011 - 2019] | Director Neurology Imaging Research Program
Icahn School of Medicine at Mount Sinai (USA) |

[2018 - 2019]	Full Professor with tenure of Neurology and Neuroscience Icahn School of Medicine at Mount Sinai (USA)
[2019 - Present]	Associate Professor of Neurology University of Genoa - Department of Neuroscience, rehabilitation, ophthalmology, genetics, maternal and child health (DINOGLI), Genoa, Italy
[2019 - Present]	Director Multiple Sclerosis Center Neurological Clinical, University of Genoa IRCCS Ospedale Policlinico San Martino Genoa, Italy
[2019 - Present]	Adjunct Professor of Neurology Icahn School of Medicine at Mount Sinai (USA)
[2022 - Present]	Director of the Disease Management Team - Multiple Sclerosis IRCCS Ospedale Policlinico San Martino, Genoa, Italy
[2023 - Present]	Coordinator regional Multiple Sclerosis Centers A.Li.Sa. Azienda Ligure Sanitaria, Genoa, Italy

EDUCATION AND TRAINING

[1992]	M.D. 110/110 cum laude University of Genoa, Genoa, Italy
[1992]	M.D. Italian Board University of Genoa, Genoa, Italy
[1993 - 1994]	Clinical Fellow University of Genoa - Dept. of Neurological Science, Genoa, Italy
[1994 - 1998]	Registrar in Neurology 50/50 cum laude University of Genoa, Genoa, Italy
[1999 - 2001]	Postdoctoral Fellow San Raffaele Hospital - Neuroimaging Research Unit, Milan, Italy
[2001 - 2002]	Research Fellow New York University (USA)
[2004]	Ph.D. in Neurology, Psychiatry, Neurogenetics University of Genoa/NYU, Genoa, Italy

POST-DOCTORAL

- [1992 - 1998] **Clinical Fellow – Dept. of Neurological Science**
University of Genoa, Italy
- [1999 - 2001] **Postdoctoral Fellow – Neuroimaging Research Unit**
Scientific institute San Raffaele Hospital, Milan, Italy
- [2001 - 2002] **Research Fellow – Dept. of Radiology**
New York University, New York, United States

CERTIFICATION AND LICENSURE

- [1992] **Italian Medical Board certification**
- [1998] **Italian Board of Neurology**

HONOURS AND AWARDS

- [1999] **Funded fellowship**
Awarding institution: Farmades SpA
- [2001] **Funded fellowship**
Awarding institution: Fondazione Italiana Sclerosi Multipla (FISM)
- [2003] **Funded advanced fellowship**
Awarding institution: National Multiple Sclerosis Society (NMSS)
- [2017] **Global Clinical Scholars Research Training Program**
Awarding institution: Harvard Medical School
- [2017] **Academic Excellence Award in Neurology 2017 & Award for Innovation in Magnetic Resonance Imaging Techniques**
Awarding institution: Global Health & Pharma
- [2018] **Elected Fellow**
Awarding institution: International Society for Magnetic Resonance in Medicine
- [2021] **Fellow (FEAN)**
Awarding institution: European Academy of Neurology (EAN)
- [2022 - 2024] **Member of executive committee (officer) of European Committee for Treatment and Research in Multiple Sclerosis (ECTRIMS)**
- [2024] **Amitié sans Frontières: cutting-edge research in pediatric MS**
Alessandro Moretta Award: Ambassadors of scientific and cutting-edge research

[2024 - Present] **General Secretary of executive committee** of European Committee for Treatment and Research in Multiple Sclerosis (**ECTRIMS**)

OTHER PROFESSIONAL ROLES

Membership in honor societies

[2002 - Present] International Society for Magnetic Resonance in Medicine

[2004 - 2010] American Society of Neuroradiology

[2004 - 2020] New York Academy of Science

[2007 - Present] American Academy of Neurology

[2004 - 2018] Consortium of Multiple Sclerosis Centers (cMSc)

[2011 - 2021] Society for Neuroscience

[2012 - 2019] Organization for Human Brain Mapping (OHBM)

[2013 - 2016] Rehabilitation in multiple sclerosis (RIMS)

[2013 - Present] International Society of Neuroimmunology

[2019 - Present] European Academy of Neurology (EAN)

[2017 - Present] Società Italiana di Neurologia (SIN)

Elected memberships in honor societies

[2016] American Health Council

Appointed membership to editorial boards

[2009] Multiple Sclerosis International

[2011 - Present] Frontiers in Aging Neuroscience (Review Editorial Board)

[2013 - 2018] Journal of World Radiology

[2016 - 2018] Multiple Sclerosis Journal ETC

[2018 - Present] Neurology and Therapy

[2018 - 2024] **Co-Editor** for Controversies Multiple Sclerosis Journal

[2021 - Present] Brain

[2021 - Present] Neurology, Neuroinflammation and Neuroimmunology

TEACHING ACTIVITIES [2011 - Present]

Mentor of two Assistant Professor

Thesis Advisor of eight students - Degree in Medicine and Surgery

Thesis Advisor of one student - Degree in Rehabilitation Sciences

Mentor and thesis supervisor of six residents in Neurology

Mentor and thesis supervisor of eleven PhD students and twelve Post-Doc students

INVITED LECTURES/PRESENTATIONS [2003 - Present]

Total of Invited Faculty to National Congress: 119

Total of Invited Faculty to and International Congress: 128

GRANTS, FOUNDATION SUPPORT

NINDS/NIH R56 NS079116 “Non-invasive Brain Sodium Quantification in MS”

Principal Investigator (PI) 09/30/2014-8/31/2017

NMSS/IPMSA PA0097 National MS Society “Longitudinal Multicenter Cervical Spinal Tract Diffusion MRI for Progressive MS (PI: J Xu)”

Co-Investigator 08/01/2014-7/31/2015

2013/B/7 - Fondazione Italiana Sclerosi Multipla (FISM) “Quantification of extra- and intracellular brain Sodium concentration in MS using 7.0 Tesla MRI”

Mentor (PI: M. Petracca) 01/06/2014-5/31/2016

NMSS RG 5120A3/1 “Multimodal longitudinal Imaging in progressive MS”

Co-Investigator 04/01/2014-03/31/2018

2014/PMS/3 - Fondazione Italiana Sclerosi Multipla (FISM) “Structural and functional cerebral correlates of upper limb rehabilitation in patients with progressive MS”

Principal Investigator 16/04/2015-31/12/2018

US/DOD MS140072P1 US Department of Defense “Mitochondrial dysfunction and disease progression”

Co-Investigator (PI: P. Casaccia/I. Katz-Sand) 04/30/2015-4/29/2018

Biogen Global “Investigating indirect mechanism of neuroprotection of Tecfidera in RRMS and Progressive patients”

Co-Investigator (PI: Casaccia P./Edwards) 02/23/2015-2/22/2018

2013/B/7 - Fondazione Italiana Sclerosi Multipla (FISM) “Quantification of extra- and intracellular brain Sodium concentration in MS using 7.0 Tesla MRI”
Principal Investigator 16/04/2015-31/12/2018

R01 NS100811 - NINDS/NIH “MRI predictors of disease and disability progression in African-Americans with MS”
Principal Investigator 09/1/2017-8/31/2022

R01 NS099527 - NINDS/NIH “Examining the role of brain sodium content in MS using MRI”
Principal Investigator 09/1/2017-7/31/2021

Canadian MS Society 2017 MSSRF Team Grant - MS Foundation “CogEX - Improving cognition in people with Progressive Multiple Sclerosis: A Multi-Arm, Randomized, Blinded, Sham-Controlled Trial of Cognitive Rehabilitation and Aerobic Exercise”
Site Principal Investigator (PI: A. Feinstein) 07/01/2019-06/30/2022

Horizon 2020 – 3TR – 831434 – Unione Europea “Identification of the Molecular Mechanisms of non-response to Treatments, Relapses and Remission in Autoimmune, Inflammatory, and Allergic Conditions”
Site Principal Investigator 01/09/2019-31/08/2026

RIN - RIN1 - RICERCA CORRENTE 2019 “Rete di Neuroimaging avanzato - Fase IV: laboratorio virtuale di neuroimmagini verso una medicina personalizzata/di precision”
Co-Investigator 27/11/2019- 31/12/2021

INAIL - BRIC 2019 “PRISMA: Risk Prevention, Collaborative Networks, Employment Inclusion in Multiple Sclerosis: from understanding the work reality of people with MS in Italy to the development of innovative models and programs for employment inclusion”
Principal Investigator 15/09/2020-14/03/2023

5M-2019-23680271_INGLESE - 5X1000 2018-2019 "Ageing e sclerosi multipla: studio dell'immunosenescenza e dei correlati MRI”
Principal Investigator 01/07/2021-30/06/2023

Marie Skłodowska-Curie: H2020-MSCA-IF-2019 – 896892 “REMAp - Adaptive and personalized neuromotor rehabilitation of persons with Multiple Sclerosis: from characterization to exploration of residual sensorimotor abilities using a body- machine interface”
Mentor 04/01/2021-03/01/2023

2020/027 - Fondazione Italiana Sclerosi Multipla (FISM) “Exploring pathogenic mechanisms associated with depression in Multiple Sclerosis: functional and structural disconnectivity of neurotransmitter-related nuclei”
Principal Investigator 01/03/2021-28/02/2023

2020/01 FRAGMENTS - Fondazione Italiana Sclerosi Multipla (FISM) “FRAGile Multiple sclerosis patiENTS and COVID-19 infection”
Co-Investigator 12/02/2021-11/02/2022

PE0000006 - IRCCS Ospedale Policlinico San Martino “Mnesys: a multiscale integrated approach to the study of the nervous system in health and disease”

Co-Investigator 01/11/2022-31/10/2025

PNC0000007 - IRCCS Ospedale Policlinico San Martino “RAISE (Robotics and AI for Socio-economic Empowerment)”

Co-Investigator 01/12/2022-31/06/2026

PNC E3-2022-23683266 - IRCCS Ospedale Policlinico San Martino “INNOVA: Advanced diagnosis (HLS-DA)”

Co-Investigator 02/01/2023-01/01/2027

PRIN 2022PXR8ZX- Italian Ministry of University (MUR) “Functionally and Anatomically Informed Tractography of the Human brain (FAITH)”

Co-Principal Investigator (A. Daducci) 18/10/2023-17/10/2025

PRIN P2022ESHTA - Italian Ministry of University (MUR) “Advancing MRI biomarkers of brain tissue microstructure and energetics in Multiple Sclerosis”

Co-Principal Investigator (V. Tommasini) 30/11/2023-29/11/2025

INAIL – BRIC 2022 “The rehabilitation approach as a qualifying factor in the reasonable accommodation of the worker with multiple sclerosis”

Principal Investigator 22/05/2023-21/05/2025

FIS_00002258 - Fondo Italiano della Scienza Italian - Ministry of University (MUR) “REPAIR - Tissue recovery and plasticity after CNS inflammatory demyelinating relapses”

Principal Investigator 31/05/2024-30/04/2029

2022-002654-95 - NET-MS - Fondazione Italiana Sclerosi Multipla (FISM) “No Evidence of Disease Activity After Autologous Hematopoietic Stem Cell Transplantation in Aggressive Multiple Sclerosis”

Principal Investigator 24/05/2023-01/01/2028

PUBLICATIONS

Bibliometrics (www.scopus.com)

H-Index: 62

ORCID ID: 0000-0002-9610-0297

Scopus Author ID: 7004371136

Total number of publications in peer-review journal: 379

Total number of citations: 17,480 (citations by 13,304 documents)

Genoa, 29/05/2025



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