

PERSONAL INFORMATION

First name: Paolo **Surname:** Preziosa

Sex: Male

Date of birth: 18th July 1985

Place of birth: Vimercate (MB), Italy

Nationality: Italian

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Affiliation: Neuroimaging Research Unit, Division of Neuroscience, and Neurology Unit, IRCCS San Raffaele Scientific Institute, Via Olgettina 60, 20132 Milan, Italy

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RESEARCH ID: J-9980-2016



FIELD OF INTEREST	Application of MRI in multiple sclerosis and other demyelinating diseases to improve diagnostic criteria, to better define their pathophysiological substrates, to disentangle the mechanisms leading to progressive accumulation of irreversible physical disability and cognitive impairment and to monitor treatment response.
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WORK EXPERIENCE	
From June 2022-ongoing	Assistant Professor of Neurology Neuroimaging Research Unit, Institute of Experimental Neurology, Division of Neuroscience, San Raffaele Scientific Institute, Vita-Salute San Raffaele University, Milan, Italy
From October 2019 to May 2022	Post-Doc Researcher Neuroimaging Research Unit, Institute of Experimental Neurology, Division of Neuroscience, San Raffaele Scientific Institute, Vita-Salute San Raffaele University, Milan, Italy
From October 2016 to September 2019	PhD Student Neuroimaging Research Unit, Division of Neuroscience, San Raffaele Scientific Institute, Vita-Salute San Raffaele University, Milan, Italy Director: Prof. Massimo Filippi
From July 2016-ongoing	Neurologist Neurology Unit, IRCCS Ospedale San Raffaele, Vita-Salute San Raffaele University, Via Olgettina 60, 20132 Milan, Italy Director: Prof. Massimo Filippi
From September 2009 to September 2016	Research Fellow Neuroimaging Research Unit, Institute of Experimental Neurology, Division of Neuroscience, San Raffaele Scientific Institute, Vita-Salute San Raffaele University, Milan, Italy Director: Prof. Massimo Filippi
From July 2011 to June 2016	Resident in Neurology Department of Neurology, San Raffaele Scientific Institute, Vita-Salute San Raffaele University, Via Olgettina 60, 20132 Milan, Italy Director: Prof. Giancarlo Comi
From September 2008	Internship in Neurology

to June 2011	Neuroimaging Research Unit, Institute of Experimental Neurology, Division of Neuroscience, San Raffaele Scientific Institute, Vita-Salute San Raffaele University, Milan, Italy Director: Prof. Giancarlo Comi
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WORK EXPERIENCE BROAD

From May 2017 to August 2018	Visiting research fellow Department of Anatomy and Neurosciences, VU University medical center (VUmc), Amsterdam, The Netherlands Director: Prof. Jeroen J.G. Geurts Activities and field of interest: - Application of <i>in vivo</i> conventional and advanced MRI techniques for the study of multiple sclerosis. - <i>In vivo</i> imaging of gray matter damage and dysfunction in multiple sclerosis - Application of advanced MRI techniques to monitor the effects of pharmacologic and rehabilitative treatments in multiple sclerosis patients - Correlative studies between <i>post-mortem</i> histopathological data and MRI measures in the gray matter of multiple sclerosis patients
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EDUCATION & TRAINING

December 2019	PhD (cum laude) Discussion of a thesis entitled: "IMAGING GRAY MATTER DAMAGE IN MULTIPLE SCLEROSIS: FROM PATHOLOGY TO CLINICAL APPLICATION"
From October 2016 to September 2019	PhD student Neuroimaging Research Unit, Institute of Experimental Neurology, Division of Neuroscience, San Raffaele Scientific Institute, Vita-Salute San Raffaele University, Milan, Italy Director: Prof. Giancarlo Comi DoS: Prof. Massimo Filippi; Second Supervisor: Prof. Wolfgang Brück
July 2016	Neurologist (70/70 cum laude) Discussion of a thesis entitled: "EFFECTS OF FINGOLIMOD AND NATALIZUMAB ON DEMYELINATION, REMYELINATION AND NEURODEGENERATION IN PATIENTS WITH RELAPSING-REMITTING MULTIPLE SCLEROSIS: A TWO-YEAR, CLINICAL/MRI, COMPARATIVE STUDY" Relator: Prof. G. Comi, First Correlator: Prof. M. Filippi, Second Correlator: Dr. Maria A. Rocca
From July 2011 to June 2016	Residency in Neurology Neurology Unit, IRCCS Ospedale San Raffaele, Vita-Salute San Raffaele University, Milan, Italy Director: Prof. Giancarlo Comi Supervisor: Prof. Massimo Filippi, Dr. Maria A. Rocca, Dr. Lucia Moiola
March 2011	MD qualification (Monza-Brianza number 03541) San Raffaele Scientific Institute, Vita-Salute San Raffaele University, Milan, Italy
July 2010	MD degree (110/110 cum laude and mention) Discussion of a thesis entitled: "CONTRIBUTO DEI METODI RANDOM FOREST E VOXEL-BASED ALLA RISOLUZIONE DEL PARADOSSO CLINICO-RADIOLOGICO NELLA SCLEROSI MULTIPLA" Relator: Prof. G. Comi, Correlator: Prof. M. Filippi
From October 2004 to July 2010	Medical student Vita-Salute San Raffaele University, Milan, Italy
July 2004	High school scientific graduation (100/100)
From September 1999 to July 2004	High school student Liceo Scientifico A. Banfi di Vimercate (MB)

ACADEMIC ACTIVITIES

From June 2022-ongoing	Assistant Professor of Neurology
	Neuroimaging Research Unit, Institute of Experimental Neurology, Division of Neuroscience, San Raffaele Scientific Institute, Vita-Salute San Raffaele University, Milan, Italy
From 2022-ongoing	Cultore della materia. Vita-Salute San Raffaele University, Bachelor's Degree in Nursing.
From 2020-ongoing	Tutor. Vita-Salute San Raffaele University, PhD in Molecular Medicine
From 2019-ongoing	Tutor. Vita-Salute San Raffaele University, Faculty of Medicine and Surgery, Elective course "Pathologies of central nervous system white matter", (MED/26 – Neurologia)

AWARDS	
2013	Young Investigator Award at the 21 st "European Charcot Foundation"
2014	Young Investigator Award at the 22 nd "European Charcot Foundation"
2015	Young Investigator Award at the 23 rd "European Charcot Foundation"
2015	Runner-up of the "Clinical tournament" held at the 1 st EAN congress in Berlin
2015	Winner of the EFNR Award for Young Researchers at the European congress of neurorehabilitation (ECNR) in Vienna
2021	Merit of distinction for abstract presented at AAN meeting 2021
2021	EAN Investigator Award
2021	ECTRIMS Poster Award

MEMBERSHIPS	
From 2012-ongoing	Member of the European network "Magnetic Resonance Imaging in MS" (MAGNIMS)
From 2013-ongoing	Member of "Italian Neuroimaging Network Initiative" (INNI)
From 2016 to 2020	Resident and Research Membership of the European Academy of Neurology (EAN)
From 2016-ongoing	Full member of the EAN
From 2016-ongoing	Member of the Neuroimaging Scientific Panel of the EAN
From 2018-ongoing	Member of the "Italian Neurological Society" (SIN)
From 2018-ongoing	Member of the study group "Neuroimmagini" of the "Italian Neurological Society" (SIN)
From 2019-ongoing	Member of the Multiple Sclerosis Scientific Panel of the EAN
From 2019-ongoing	Member of the study group "Sclerosi Multipla" of the "Italian Neurological Society" (SIN)
From 2019-ongoing	Member of the study group "Neuroimmunologia" of the "Italian Neurological Society" (SIN)
From 2022-ongoing	Member of the Rare Neurological Diseases Scientific Panel of the EAN

INTERNATIONAL COLLABORATIONS	
From 2012-ongoing	European network "Magnetic Resonance Imaging in MS" (MAGNIMS)
From 2017-ongoing	VU University Medical Centre, Amsterdam, The Netherlands – Prof. J.J. Geurts, Dr. L.E. Jonkman

EDITORIAL ACTIVITY	
From 2020-ongoing	Member of the Editorial Board of the Journal of Neurology
From 2019 to 2021	Guest Editor of Frontiers Research Topic in Cellular Neuropathology: "Inside-out" vs "Outside-in" Paradigms in Multiple Sclerosis Etiopathogenesis
From 2012-ongoing	Reviewer for Brain, Frontiers in Neurology, Human Brain Mapping, Journal of Clinical Medicine, Journal of Neurology, Journal of the Neurological Sciences, Multiple Sclerosis Journal, Multiple Sclerosis and Related Disorders, Multiple Sclerosis Journal - Experimental, Translational and Clinical, Neuroimage Clinical, Neurology, Neurological Sciences, Plos One, Radiology, Scientific Reports.
From 2021-ongoing	Reviewer for Fondazione Italiana Sclerosi Multipla.

CO-INVESTIGATOR IN CLINICAL TRIALS	
MTX10R44	Studio nazionale, multicentrico in singolo cieco, a gruppi paralleli, controllato, allo scopo di valutare l'efficacia e la tollerabilità della combinazione sequenziale di mitoxantrone e interferone beta-1a (Rebif 44mcg x 3 la settimana) in pazienti affetti da SM in fase iniziale di malattia." (Studio spontaneo)
CFTY720DIT	A 18-month, open-label, rater-blinded, randomized, multi-center, active-controlled, parallel-group pilot study to assess efficacy and safety of fingolimod (Gilenya) in comparison to interferon beta-1b in treating the cognitive symptoms associated to relapsing-remitting multiple sclerosis and to assess possible relationship of these effects to regional brain atrophy
LAQ-MS-305 (CONCERTO)	A multinational, multicenter, randomized, double-blind, parallel-group, placebo-controlled study followed by an active treatment period, to evaluate the efficacy, safety and tolerability of two doses of oral administration of laquinimod (0.6 mg/day or 1.2 mg/day) in subjects with relapsing remitting multiple sclerosis (RRMS)
MINERAL study	Phase III Multicenter Clinical Trial. Novel Oral Nutraceutical Intervention PLP10 for the Treatment of Relapsing-Remitting Multiple Sclerosis: A Multicenter, Parallel-group, Phase III, Double-blind, Randomized, Placebo-Controlled, Add-on with Interferon Beta, Trial of Efficacy and Safety.

PRINCIPAL INVESTIGATOR FOR SUPPORTED GRANTS	
GR-2019-12369599	Effects of aerobic training on motor and cognitive performances in patients with multiple sclerosis: a structural and functional MRI study.
FISM Senior Research Fellowship 2019/BS/009	The role of NODDI to disentangle gray matter neuroanatomical microstructural abnormalities in multiple sclerosis: relation with clinical disability and cognitive impairment

CO-INVESTIGATOR FOR SUPPORTED GRANTS	
FISM 2011/R/19	Definizione della rete di connettività strutturale e funzionale nella sclerosi multipla tramite l'applicazione dell'approccio "graph theory"
FISM 2014/R/7	Longitudinal assessment of large-scale brain functional networks (connectome) in patients with multiple sclerosis.
FISM 2018/R/5	The role of brain network connectivity and machine learning for predicting disease worsening and cognitive impairment in patients with multiple sclerosis
FISM COVID-19 and MS	COVID-19 in people with multiple SCLEROSIS: impact on disease activity, progression, Neuropsychiatric profile and Immunological features. The DISCERNING study.

CONGRESSES AND MEETINGS	
> 250	Abstract presented at congresses as poster/oral presentation
54	Invited Lectures
5	Moderator/chair at scientific sessions
1	Organizing secretariat of the Advanced Course "Magnetic Resonance Techniques in Multiple Sclerosis"
PUBLICATIONS	
117	Peer-review papers
26	H-Index (Scopus)
9	Book Chapters
2639	Total citations (Scopus)

Autorizzo il trattamento dei miei dati personali presenti nel curriculum vitae ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 e del GDPR (Regolamento UE 2016/679)

In compliance with the GDPR 2016/679 and the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document



Milan, May 16, 2023
PREZIOSA PAOLO