

Antonio Gallo, MD – PhD

ACADEMIC DEGREE

1998 - Degree in Medicine and Surgery, Second University of Naples

2003 - Board Certified in Neurology, Second University of Naples

2008 - PhD Degree in Neuroscience, Second University of Naples

PRESENT POSITION

12/2011-present - Assistant Professor of Neurology, Dept. of Medical, Surgical, Neurologic, Metabolic and Aging Sciences, University of Campania "Luigi Vanvitelli"

2017-present - qualification as Associate Professor at 2017 National Scientific Qualification of the Italian Ministry of Education, University and Research.

PREVIOUS POSITIONS

2009-2011 - Research fellowship at the Dept. of Neurological Sciences, Second University of Naples

2006-2009 - Visiting Fellow, Neuroimmunology Branch, NINDS, NIH, Bethesda, USA

2002-2003 - Research Training, Neuroimaging Research Unit, Dept. of Experimental Neurology, Scientific Institute-University, San Raffaele Hospital, Milan

RESEARCH ACTIVITY

Currently working at the Multiple Sclerosis (MS) Center and the 3T MRI Research Facility "SUN-FISM", Dept. of Medical, Surgical, Neurologic, Metabolic and Aging Sciences, University of Campania "Luigi Vanvitelli". Research activities mainly focused on the application of advanced/quantitative MRI techniques to study new imaging markers useful for diagnosis, staging and management of MS.

2002-2003: 2-year research-training period at the Neuroimaging Research Unit of San Raffaele Hospital in Milan, working on non-conventional MRI (ncMRI) techniques - such as DTI and MTI - to characterize brain and spinal cord microscopic tissue damage outside focal/macrosopic MS lesions.

2004-2006: research activity focused on cognitive impairment (CI) in MS, focusing on correlations with quantitative ncMRI-derived metrics.

2006-2008: visiting fellow at the Neuroimmunology Branch of the NINDS - NIH, working on 3T MRI data to quantify cortical and deep gray matter (GM) damage and to correlate it with CI and fatigue in MS patients.

2008-present: research activity focused on structural and functional MRI (fMRI) data, investigating brain connectivity in MS patients.

Clinical Trials: PI or Co-investigator for more than 20 Phase-II/III/IV Clinical Trials on MS.

GRANTS

• **The Italian Neuroimaging Network Initiative (INNI)** – A special project supported by the Italian MS foundation

• **Italian National Project-PRIN** (2010). Non-conventional imaging and biomolecular studies on Amyotrophic Lateral Sclerosis

• **Intramural Research Program** (2006-2008) of the NINDS, NIH. The Use of Magnetic Resonance Imaging to Investigate Cortical Damage in Patients with Multiple Sclerosis and Correlation with Cognitive Dysfunction (prot. 07-N-0014)

• **Intramural Research Program** (2006-2008) of the NINDS, NIH. Evaluation of Progression in Multiple Sclerosis by Magnetic Resonance Imaging (MRI) (prot. 89-N-0045)

• **Intramural Research Program** (2006-2008) of the NINDS, NIH. Characterization of Brain Activation at 1.5 and 3.0 Tesla Using Perfusion Images and BOLD Images (prot. 00-N-0082)

• **Ministry of Health** (2007) Imaging and biological markers of disease progression

SCIENTIFIC SOCIETIES MEMBERSHIP

2000-present - Italian Society of Neurology

2008-present - Member of the Italian MS Study Group

2014-present - Affiliate member of the MAGNISM study group

PUBLICATIONS

More than 60 peer-reviewed articles on indexed International Journals.

3 Chapter/Monographies

PARTICIPATION TO NATIONAL/INTERNATIONAL CONFERENCES/MEETINGS

More than 100 scientific contributions accepted as posters or platform/oral presentations.

LANGUAGES

Mother Language: Italian

Other Languages: proficient user of written and spoken English