Antonio Gallo, MD – PhD

ACADEMIC DEGREE

1998 - Degree in Medicine and Surgery, University of Campania "Luigi Vanvitelli"
2003 - Board Certified in Neurology, University of Campania "Luigi Vanvitelli"
2008 - PhD Degree in Neuroscience, University of Campania "Luigi Vanvitelli"

PRESENT POSITION

2019-present - Associate Professor of Neurology, Dept. of Advanced Medical and Surgical Sciences, University of Campania "Luigi Vanvitelli"

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
2011-2019 - Assistant Professor of Neurology, Dept. of Advanced Medical and Surgical Sciences, University of Campania "Luigi Vanvitelli"

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/macroscopic 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 and Multicenter Observational Studies (MOS): PI or Co-investigator in more than 50 Phase-II/III/IV Clinical Trials and MOS on MS.

GRANTS

- **The Italian Neuroimaging Network Initiative (INNI)** – A special project supported by the ItalianMS foundation
- **Italian National Project-PRI**N (2010). Non-conventional imaging and biomolecular studies on Amyotrophic Lateral Sclerosis
- **Intramural Research Program** (2006-2008) of the NINDS, NIH. The Use of Magnetic ResonanceImaging 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 MultipleSclerosis by Magnetic Resonance Imaging (MRI) (prot. 89-N-0045)
- **Intramural Research Program** (2006-2008) of the NINDS, NIH. Characterization of Brain Activationat 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

PUBLICATIONS

>150 articles published in the field of Multiple Sclerosis/Neurosciences on peer-reviewed International Journals. Authors of book chapters and monographies on Multiple Sclerosis.

PARTICIPATION TO NATIONAL/INTERNATIONAL CONFERENCES/MEETINGS

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

SCIENTIFIC SOCIETIES MEMBERSHIP

2000-present: Italian Society of Neurology
2008-present: Member of the Italian MS Study Group
2013-present: Member of the Italian Neuroimaging Network Initiative (INNI)
2014-present: Affiliate member of the MAGNISM study group

LANGUAGES

Mother Language: Italian
Other Languages: proficient user of written and spoken English