

## **CURRICULUM VITAE**

### **Mariasavina Severino, MD**

#### **CURRENT EMPLOYMENT STATUS**

Staff Physician, Neuroradiology Unit, Department of Medical Services  
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#### **EMPLOYMENT STATUS**

November 2016 – in office: Staff Physician, Neuroradiology Unit, IRCCS Istituto Giannina Gaslini

October 2010 – November 2016 - Temporary medical appointment, Neuroradiology Unit, IRCCS Istituto Giannina Gaslini

January 2010 – October 2010: Research Contract on “Comprehensive Diagnosis and Treatment for Intracranial Pediatric Ependymoma” at Gaslini Children Hospital, Genoa, Italy.

March 2012 – October 2012: Neuroradiology Consultant at Alliance Medical Diagnostic Srl, Genoa, Italy.

#### **EDUCATION**

September 2010 - European Board Certification in Neuroradiology

January – July 2009: Out-of-program Registrar at the Neuroradiology Department of Great Ormond Street Children Hospital, London, under direct supervision of Dr Kling Chong.

September 2005 - December 2009: Internship in Neuroradiology, University Hospital of Padua.

January 2006 – December 2009: Radiology Residency, University of Padua, 11/01/2010, finals 70/70 magna cum laude and a thesis on “Anorectal Malformation: radiological study of associated anomalies”.

December 2005: Italian Medical Board Qualifying Exam with top marks (250/250)

July 2005: Medical Degree at the University of Padua with top marks (110/110) and honours with a thesis on “The usefulness and indications of the myocardial scintigraphy in paediatric cardiology”.

January 2004 – August 2004: Neurology Internship (2 months, Prof. Cesaro), Psychiatry Internship (2 months, Prof. Leboyer-Camarcat) and Rehabilitation Internship (2 months, Prof. Hamonet) at the CHU Henri Mondor Hospital, University of Paris-Est Creteil, France.

July 1998: Scientific Degree at the “E. Majorana” Scientific High School (Mirano, VE) with top marks (100/100).

#### **PROFICIENCY IN FOREIGN LANGUAGES**

English: Proficient

French: Advanced

### **INVITED LECTURES/FACULTY**

Invited speaker to national and international congresses and courses, including the ECNR European Course of Neuroradiology, the ECPNR courses, the ESOR courses, the Erasmus courses, the ASNR and ASPNR meetings, the AINR meetings and ESNR meetings.

### **ACADEMIC APPOINTMENTS**

April 2018 – National scientific habilitation as Associate Professor of Neuroradiology

September 2017 – September 2018: Lecturer for the Radiology Specialization Program at the University of Genoa, Italy.

### **SCIENTIFIC APPOINTMENTS**

January 2022 – in office: Coordinator of the Neuroimaging WG “Imaging of Developmental Disorders” of the Virtual National Institute of Rare Disease (Istituto Virtuale Nazionale Malattie Rare)

January 2022 – in office: Member of the Virtual National Institute of Cerebrovascular Disorders (Istituto Virtuale Nazionale delle Malattie Cerebrovascolari)

December 2021 – in office: Leader of the Neuroimaging WG for the national guidelines of pediatric stroke of the Italian Stroke Association – Associazione Italiana Ictus

September 2020 – in office: Member of the Pediatric Subcommittee of the European Society of Neuroradiology

February 2019 – in office: Member of the Italian Network for CNS Vasculitis

June 2019- in office: Member of the Italian Study Group of Pediatric Stroke

January 2019 - October 2021: Co-Leader of the Neuroimaging WG of the European Network Neuro-MIG on Brain Malformations ([www.neuro-mig.org](http://www.neuro-mig.org)) - COST

January 2018 – in office: Member of the ENIGMA (Enhancing Neuro Imaging Genetics Through Meta Analysis) Network for Epilepsy

October 2017 – Visiting Professor at the Hospital of Sick Children, Toronto, Canada.

December 2014 – in office: Member of the Italian Study Group of Agenesis of the Corpus Callosum study

2013 – 2019: Member of the COLiBrI (COLlection of pedIatric Brain Images) Network ([www.colibrinet.it](http://www.colibrinet.it)): Creation of an Italian infrastructure for the collection, sharing and processing of magnetic resonance images (MRI) in normal pediatric subjects and those suffering from rare neurological diseases.

June 2011 – Visiting Professor at the University of Catania, Radiology Department.

## **CONGRESS ORGANIZATION**

2023: International meeting on Vein of Galen Aneurysmal Malformation in Newborns and Children, Genoa, Italy - Scientific Committee and Speaker

2023: “Stroke in età pediatrica: gestione in emergenza e urgenza”, Genoa, Italy - Scientific Committee and Speaker

2021-2022: ‘Four Seasons: An ESNR Pediatric Neuroradiology offering’: four webinars on the 27<sup>th</sup> of June 2021, 26<sup>th</sup> September 2021, 12 December 2021, 27<sup>th</sup> February 2022

2019: First meeting of the Italian Study group on Pediatric Stroke, 4th June 2019, Casa della Radiologia del Cardello, Roma

2018: National meeting of the AINR Young Topics “FOCUS SUI GANGLI DELLA BASE”, 11 May 2018, Casa della Radiologia del Cardello, Roma

2010: 10th Italian Congress of Pediatric Neuroradiology (Genova, Italy), scientific secretary

## **MEMBER OF**

- Associazione Italiana di Neuroradiologia (AINR)
- European Society of Radiology (ECR)
- European Society of Neuroradiology (ESNR)
- American Society of Pediatric Neuroradiology (ASPN)
- The International Child Neurology Association (ICNA)

## **SCIENTIFIC JOURNALS**

Editorial Boards:

“The Neuroradiology Journal”: current Editorial board member

“Journal of Neuroradiology”: current Editorial board member

Revisor:

- American Journal of Neuroradiology
- European Journal of Radiology
- European Radiology
- Neuropediatrics

## **GRANTS AND AWARDS**

- 2021: 140,000 euro as co-PI for the project “Medicina riabilitativa personalizzata e di precisione nell’ictus ischemico pediatrico: trail clinic randomizzato con esplorazione funzionale delle vie motorie” funded by the National Health System, Fondi Ricerca Corrente
- 2020: 115,000 euro as co-PI for in the project “fMRI and TMS-guided activity-based interventions in cerebral palsy and pediatric stroke: a randomized clinical trial” funded by the National Health System, Fondi Ricerca Corrente

- 2019: 160,000 euro as collaborator in the project “Disease modeling of tubulinopathies using human iPSCs and *Drosophila melanogaster*: comparative in vitro and in vivo insights into pathogenesis to provide background for therapeutic targets” funded by the National Health System (GR-2019-12370042) for a total of 421.395,00
- 2017: 35,000 euro as collaborator in the GENIUS (Genius-genetic innovation to understand stroke) Project “Ngs per la diagnosi genetica, la terapia e il follow-up multispecialistico dei bambini con stroke” funded by the Compagnia di San Paolo (Prot. 2017.AAI4514.U5102) for a total of 150,000 euro
- 2016: 60,000 euro as collaborator in the project “Precision Medicine in Congenital Anomalies of the kidney and urinary tract: focus on the new kidney-brain spectrum disorders” funded by the National Health System (GR-2016-02362391) for a total of 411,750 euro

## **SCIENTIFIC ACTIVITY**

Scopus:

h-index: 29; documents: 241; citations: 3380 as of January 3, 2024

Google Scholar:

h-index: 34; documents: 300; citations: 4582 as of October 12, 2023

## **BOOK CHAPTERS AND PAPERS**

Authors of several book chapters and 225 peer-reviewed papers published on PubMed.

Genoa, 3 January 2024

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