

Curriculum Vitae – Carlo Trompetto

Date of Birth: March 2, 1966

Tax Code: TRMCRL66C02D969W

<https://orcid.org/0000-0003-3419-0669>

Researcher ID: AAC-3550-2022

Scopus Author ID: 6602836622

Education:

- High School Diploma in Classical Studies (Liceo Statale Giuseppe Mazzini, Genoa, 1985; final grade: 60/60)
- Degree with honors in Medicine and Surgery (University of Genoa, 1992)
- Specialization with honors in Neurology (University of Genoa, 1996)
- Visiting Researcher from 1996 to 1997 at the “Human Movement and Balance Unit, Institute of Neurology, Queen Square,” London (UK), under the supervision of Prof. J.C. Rothwell
- PhD in Neurophysiology and Neuropharmacology (University of Genoa, 2001)
- Specialization with honors in Physical and Rehabilitation Medicine (University of Pisa, 2014)

Previous Positions:

- From November 2, 1999 to November 1, 2017: University Researcher at the Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics, and Maternal-Infant Sciences (DINOEMI), University of Genoa. Confirmed in this position as of March 20, 2001, with a full-time contract. As of November 1, 2007, changed scientific-disciplinary sector from MED/26 Neurology to MED/34 Physical and Rehabilitation Medicine.
- From November 1, 2017 to November 1, 2021: Associate Professor in Physical and Rehabilitation Medicine (MED/34) at the Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics, and Maternal-Infant Sciences (DINOEMI), University of Genoa
- From November 1, 2018 to October 1, 2019: Acting Director of the “Rehabilitation and Functional Re-education Unit,” IRCCS San Martino Polyclinic Hospital, Largo Rosanna Benzi 10, 16132 Genoa

Current Positions:

- Since November 1, 2018: Director of the School of Specialization in Physical and Rehabilitation Medicine, University of Genoa
- Since October 1, 2019: Director of the “Neurorehabilitation Clinic Unit,” IRCCS San Martino Polyclinic Hospital, Largo Rosanna Benzi 10, 16132 Genoa
- Since November 1, 2021: Full Professor in Physical and Rehabilitation Medicine (MED/34) at the Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics, and Maternal-Infant Sciences (DINOEMI), University of Genoa
- Head of the Neuro-Rehabilitation Area of the DIAR “Neuroscience and Rehabilitation”

Main Scientific Interests:

- Study of cortical mechanisms involved in voluntary motor control
- Pathophysiology of movement disorders
- Investigation of the adaptive mechanisms of the nervous system and the physiological processes that support motor function recovery. The ultimate goal of this research is to identify rehabilitation strategies that enhance adaptive motor responses

- Botulinum toxin injection treatments for movement disorders and abnormal muscle tone (spasticity)
- Pathophysiology of spasticity and spastic dystonia
- Robotic rehabilitation

Teaching Activities:

Courses in Physical and Rehabilitation Medicine for the following degree programs:

- Medicine and Surgery
- Motor Sciences, Sport and Health (Class L-22)
- Preventive and Adapted Motor Activities (LM/67)
- Sport Sciences and Techniques (LM-68)
- Physiotherapy (L/SNT2)
- Orthopedic Techniques (L/SNT3)

Courses in Physical and Rehabilitation Medicine for the following specialization schools:

- Physical and Rehabilitation Medicine
- Geriatrics
- Orthopedics
- Neuropsychiatry
- Rheumatology
- Respiratory System Diseases

Scientific Activity:

Author of 160 publications in indexed international journals

H-index: 31

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