

Curriculum Vitae

Virginia Tancredi

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Citizenship Italian
Birth 23/08/1956, Roma

Education

1974 Degree at classic high school
1976-1980 MD Student University of Rome "La Sapienza".
1980 Degree in Medicine and Surgery with 110/110 with honors.
1980 Qualification to practice as a surgeon

Current employment

2001 to present University of Rome "Tor Vergata", Faculty of Medicine and Surgery, Department of Systems Medicine, Associate Professor of Physiology

Professional and academic career

2017 MIUR Decree n. 256, Commission member for the revision tests to qualify as a surgeon
2010 University of Rome "Tor Vergata", Representative of the IV area in the Academic Senate for the three-year period 2010-2013, DR n ° 3489 of 6/10/2010
2008-2012 University of Rome "Tor Vergata", President of the Degree Course in Sciences and Techniques of Preventive and Adapted Motory Activity
2003-2008 University of Rome "Tor Vergata", Secretary of the Degree Course in Medicine and Surgery
2001 to present University of Rome "Tor Vergata", Faculty of Medicine and Surgery, Department of Systems Medicine, Associate Professor of Physiology
2000-2001 University of Rome "Tor Vergata", Representative of researchers in the Committee for Scientific Research of the University.
1999-2001 University of Rome "Tor Vergata", Representative of researchers in the Faculty of Medicine and Surgery Council.
1997-2006 University of Rome "Tor Vergata", Representative, first of the researchers and then of the Associate professors in the Board of the Department of Neurosciences. 1993-1994 "Tor Vergata" University of Rome, Administration council representative of the Researchers
1990 Montreal Neurological Institute, McGill University, "visiting professor"
1987 Montreal Neurological Institute, McGill University, "research associate"
1984-2001 University of Rome "Tor Vergata", Faculty of Medicine and Surgery, University Researcher of Physiology
1984 CNR Research Grant at the University of Rome "Tor Vergata", Human Physiology.
1982-1983 Scholarship from the Ministry of Education for foreign institutions at university level
1980-1982 Guest at the Chair of Physiological Technique, Institute of Human Physiology, University of Rome "La Sapienza".

General administrative and organisational experience

2017 to date University of Rome "Tor Vergata", Coordinator of the University Evaluation Unit DR n ° 234/2017 of 3/2/2017, period 2017-2020
2008-2016 University of Rome "Tor Vergata", Internal Member of the University Evaluation Unit DR n ° 3767 of 21/11/2008, DR n ° 4064 of 21/12/2009, DR n ° 3958/2013 of 16/12/2013, period 2014-2016
2013 "Tor Vergata" University of Rome, Administration council Member, with advisory vote of the Board of Directors

2012	University of Rome "Tor Vergata", Member of the University Commission for new University regulations, DR No. 153 of 19/01 2012
2011	University of Rome "Tor Vergata", Member of the University's Preparatory Commission for the transition to the new system, DR No. 3479 of 16/12/2011

TEACHING

Physiology Professor: MD degree, motor sciences degree, postdoctoral schools, master and PhD programs
Supervisor of students for Bachelor/Master Thesis

SCIENTIFIC ACTIVITY

Prof. Tancredi started her research activity by addressing her studies on the physiological mechanisms involved in the genesis, propagation and modulation of neuronal hyper-excitability in the thalamo-cortical circuits and in the hippocampus entorhinal cortex and in genetic models of epilepsy.

The scientific interest of Prof. Tancredi has therefore turned to the study of some neurosensory systems involved in the development of motor activity. These studies are interesting for the consequences on the choices that should suggest the carrying out of sports activities even in patients suffering diseases of the nervous system. Prof. Tancredi's approach to these research themes is of a pathophysiological type, trying to characterize the normal function of these systems through the study of their alterations in animal pathological models, such as generalized epilepsy with absences and epilepsy. of the temporal lobe or in neurodegenerative diseases, such as Niemann-Pick disease. In particular, she focused her activity on the talamocortical somatoesthetic pathways, fundamental for the processing of peripheral sensory information, the regulation of the levels of vigilance and attention, and on the hippocampus, cerebral area deputated to processing and storing spatial information applied to the motor act. Regarding the study of synaptic plasticity phenomena Prof. Tancredi analyzed, on rat hippocampal slices, the modulatory activity performed by some cytokines, such as interleukin-2 and the Tumor Necrosis Factor and growth factors, as NGF on long-term synaptic enhancement.

Prof. Tancredi, in recent years, has been dedicated to the study of the analysis and evaluation of "performance" in athletes of different sports. He also studied the effects, on the nervous system and in particular on synaptic plasticity, of different types of training in animal models. At the same time, it has dealt with the effects of microgravity on the skeletal muscle apparatus on cell cultures.

Prof. Tancredi has been referee of many scientific papers for international journals.

Prof. Tancredi is the author of 64 works published in international journals, with a total h index of 24 and a total number of citations of 1767, has also participated in over 150 national and international conferences, is also author of articles in italians journals and book chapters.

Mother Language Italian

Other Languages English