

STANDARD ACADEMIC AND RESEARCH RECORDS

Second University of Naples: PhD in Neuroscience (2004-2008)
Clinical Brain Disorders Branch, NIMH, Bethesda: Research Fellowship (2000-2003)
Second University of Naples: Certification in Neurology with honours (2004)
Second University of Naples: Degree in Medicine with honours (1998)

PROFESSIONAL APPOINTMENTS

February 2014 - February 2020: National scientific qualification for Associate Professor in Neurology
September 2009- October 2014: Assistant Professor in Neurology, Second University of Naples
November 2014 - present: Associate Professor in Neurology, University of Campania "Luigi Vanvitelli"
April 2017 - National Habilitation as Full Professor in Neurology

TEACHING ACTIVITY

Coordinator of the course "Neurological Sciences" at the Medical School, University of Campania, "Luigi Vanvitelli"
Coordinator of the course "Neurology and Neurosurgery" at the Medical School (English Course), University of Campania "Luigi Vanvitelli"
Coordinator of the course "Medicine of Disabilities" for the Degree in "Physiotherapy", University of Campania, "Luigi Vanvitelli"

CLINICAL ACTIVITY

Prof. Tessitore's clinical activity has been focusing on the diagnosis and treatment for Parkinson's disease, Parkinsonian syndromes, and Headaches. Prof. Tessitore has expertise in infusional therapies (Duodopa), Deep Brain Stimulation (DBS) of Parkinson's disease and Botulinum Toxin treatment of Chronic Migraine. Prof. Tessitore is the coordinator of the Centre for Parkinson's disease and of the Movement Disorders outpatient clinic, at the University of Campania, "Luigi Vanvitelli". He is the coordinator of the DBS and Duodopa program at the University of Campania, "Luigi Vanvitelli"

RESEARCH ACTIVITY

Prof. Tessitore started working in the Department of Neurology of the University of Naples in 1998, under the supervision of Prof. Gioacchino Tedeschi. While completing his residency, he spent a 2 years (June 2000-June 2002) as Research fellow in the Neuroimaging Lab of the Clinical Brain Disorders Branch at the NIMH, Bethesda, MD, (USA) to perform imaging studies on patients with Parkinson's disease and healthy subjects, under the supervision of Prof. Daniel Weinberger. During this period, he employed non-invasive functional neuroimaging techniques to develop an understanding of the neural mechanisms underlying motor, cognitive and emotional deficits in patients with Parkinson's disease and psychiatric disorders. Moreover, he was also involved in research projects aimed to relate genetic polymorphisms, such as those identified in the dopamine and serotonin neurotransmitter systems, to the functional responses of brain regions. This work, under Prof. Weinberger supervision, resulted in several peer reviewed publications in high impact journals, such as *Neurology*, *Annals of Neurology*, *Journal of Neuroscience*, and in a prestigious publication in *Science* cited in the 2003 breakthrough of the year issue of the journal as a centerpiece of what the editors considered the number two breakthrough of the that year.

Since returning to Italy upon completion of his Residency in Neurology and of his PhD in Neuroscience, under the supervision of Prof. Gioacchino Tedeschi he has focused on developing his line of research and setting up his own research group; he has expanded his research to imaging studies in Amyotrophic lateral sclerosis and Migraine. His main fields of research is the application of non-conventional magnetic resonance imaging techniques (such as functional magnetic resonance imaging, diffusion tensor imaging, voxel based morphometry and cortical thickness) to gain a better understanding of the pathophysiological mechanisms underlying motor and non-motor symptoms in patients with Parkinson's disease and painful and no-painful phases in patients with migraine with and without aura.

PROFESSIONAL MEMBERSHIPS

- Member of the of the Movement Disorders Society (MDS).
- Member of the Neuroimaging study group of the MDS.
- Member of the Italian Neurological Society (SIN).
- Member of the Neuroimaging study group of the SIN.
- Member of the Italian Neurological Association for the Research on Headache (ANIRCEF)

HONOURS

- 2001 Young Investigator Travel Award at the 7th Annual Human Brain Mapping Conference (Brighton, UK)
- 2002 Scientific award for the presentation-Poster "Amygdala dysfunction in patients with Parkinson's disease: an fMRI study". *The Human Brain Conference*, Fondazione IRCCS Santa Lucia, Roma, Italy, Oct., 5th-10th.
- 2003 Fellow Award for Excellence in Biomedical Research at the National Institutes of Health (Bethesda, MD USA)
- 2005 Neuroscience International Award "Luigi Amaducci", *XXXVI Annual Meeting Italian Neurological Society*, Cernobbio 8 - 12 ottobre
- 2007 Neurologist in training grant, *17th Meeting of the European Neurological Society (ENS)*, Rhodes 16-20 June

RESEARCH SUPPORT

- PI of the project entitled ""Pain processing pathways functional changes in patients with migraine with and without cutaneous allodynia"" founded by FICEF (www.ficef.org) in 2014

REVIEWER ACTIVITY

He is regular reviewer for the following international peer-reviewed journals: *Lancet Neurology*, *Brain*, *Neurology*, *Cortex*, *Journal of Neurology*, *Neurosurgery and Psychiatry*, *Journal of Neurology*, *Movement Disorders*, *Parkinsonism and Related Disorders*, *Cephalalgia*, *Journal of Headache and Pain*, *Neurobiology of Aging*.

ESTABLISHMENT OF NATIONAL AND INTERNATIONAL COLLABORATIONS.

Prof. Tessitore has successfully established collaborations with several neurologists in Italy and abroad. In Italy, the collaboration with Prof. Fabrizio Esposito (University of Salerno) has proven extremely fruitful, resulting in several joints publications on functional neural mechanisms underlying parkinsonian syndromes and migraine. Another important collaboration is with Prof. Michael D. Fox (Harvard Medical School) with whom he is currently collaborating on projects focusing on functional correlates of freezing of gait in Parkinson's disease. Prof. Tessitore has been also collaborating with prof. Zang Yu-Feng (Hangzhou Normal University) on a multicenter project of Pooling data for analysis of Resting-State fMRI in Parkinson Disease . Prof. Tessitore has also established a recent collaboration with Dr. Davide Martino (King's College, London and Visiting Professor at the Second University of Naples) with whom he is currently involved in projects investigating hyperkinetic movement disorders.

PRINCIPAL INVESTIGATOR IN INTERNATIONAL CLINICAL TRIALS AND OBSERVATIONAL STUDIES

1. OBSERVE PD: A multi-country, OBSERVational, cross-sEctional study to characterize advanced Parkinson's Disease patients in Movement Disorder Centers. Principal Investigator, Second University of Naples Centre.
2. Everest Trial, a Phase IIIB study evaluating treatment with safinamide in Subjects with Idiopathic Parkinson's Disease Patients with Motor Fluctuations. Principal Investigator, Second University of Naples Centre.
3. Synapes Trial. "European multicenter study retrospective .prospective cohort study to observe Sanifamide....." Principal Investigator
4. CENA 713B2315 "A 76-week prospective, open-label, multicenter study to evaluate the long term effect of Exelon capsule and transdermal patch on worsening of the underlying motor symptoms of PD in patients with mild to moderately severe dementia associated with Parkinson's disease (PDD)"
5. protocollo SP0976 "Studio multicentrico, in doppio cieco, controllato verso placebo a gruppi paralleli, di fase IV volto a valutare gli effetti delle Rotigotina nei sintomi non motori in soggetti con Malattia idiopatica di Parkinson"
6. Dyscover Study "Dyskinesia comparative interventional trial on Duodopa vs Oral medication" Principal investigator

BIBLIOMETRIC PARAMETERS

Total Publications with IF (as December 2018): 110

Scopus:

Parameters at December 2018

Documents: 110

Citations 6641

h-index 29

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