PERSONAL INFORMATION

Stefano Tamburin

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Sex: Male | Date of birth: 28/02/1971| Nationality: Italian

Enterprise	University	EPR
☐ Management Level	☐ Full professor	☐ Research Director and 1st level Technologist / First Researcher and 2nd level Technologist
☐ Mid-Management Level	☒ Associate Professor	☐ Level III Researcher and Technologist
☐ Employee / worker level	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

- 2016-present: Associate Professor of Neurology, Section of Neurology, Department of Neuroscience, Biomedicine and Movement Sciences, University of Verona, Italy
- 2008-2016: Researcher in Neurology, Section of Neurology, Department of Neurological, Biomedical and Movement Sciences, University of Verona, Italy
- 2005-2008: Consultant in Neurology, Section of Neurology, Pederzoli Hospital, Peschiera del Garda – Verona, Italy

EDUCATION AND TRAINING

- 2000-2005: PhD Course in Neuroscience (05/2005: PhD Degree in Neuroscience)
- 2001: Mini Fellowship in Movement Disorders & Parkinson's Disease, Juntendo University School of Medicine, Tokyo
- 2000: Fellowship in Neurology, Hôpital Cantonal Universitaire, Geneve
- 1996-2000: Residency in Neurology, University of Verona
- 1990-1996: Master's Degree in Medicine and Surgery, University of Verona (magna cum laude)

PERSONAL SKILLS

The main areas of research and clinical interest include neuropathic pain, peripheral nervous system diseases, central and peripheral neurotoxicity to chemotherapy for cancer. Other areas of research include pathophysiology of neurodegenerative diseases (Parkinson's disease, Alzeimer's disease), motor and cognitive outcomes of stroke and other neurological diseases, and the cognitive aspects of brain aging and chronic pain. The experimental approach is integrative and includes the evaluation of clinical features, neurophysiological and neuroimaging investigations, neuropsychological and psychophysical aspects, neurorehabilitation, advanced diagnostic and therapeutic technologies and use of engineering and computer tools (information and communication technology, internet of the medical things, artificial intelligence) to improve diagnosis and therapy. Recently, the research perspective is evolving towards the inclusion of translational aspects through the integration and collaboration with basic research groups regarding, e.g., the interaction between genetic features and neuroinflammation in neurodegenerative diseases, the use of computer tools and artificial intelligence for the study of systems biology applied to chronic pain, neurodegenerative diseases, and other neurological conditions.

Mother tongue(s) Italian

Other language(s) English (very good), and French (good)

Job-related skills

- 2005: Melvin Yahr Memorial Fellowship Award (The International Federation of Parkinson's Disease, New York)
- 2005: Prize for Video Presentations on Movement Disorders Cases 2005 (Lega Italiana per la lotta contro la Malattia di Parkinson, le Sindromi Extrapiramidali e le Demenze - LIMPE, Palermo)
- 2010: European Federation of IASP® Chapters (EFIC) – Grünenthal Grant 2010 Prize (Research grant for clinical and human experimental pain research
- Associate Editor: Frontiers in Neurology, Functional Neurology, Medicine
- Member of the Editorial Board: Journal of the Peripheral Nervous System, Parkinson's Disease, Pain Research and Management, Medicina, Current Opinion in Neurology
- Reviewer for many peer-reviewed international journals

- Invited speaker to several international and national scientific meetings
- Advisory Panel of many national congresses
- Reviewer for international agencies

Technology Transfer skills

- Active collaboration with researchers of the Department of Computer Sciences, University of Verona and the Technical University of Chemnitz (Germany, Prof. Philipp Kindt) for projects aimed to develop wearables and tools based on the Internet of Things to monitor patients with neurological conditions, in particular Parkinson's disease and dementia

Higher Education & Training skills

- 2009-ongoing: member of the teaching staff of the Doctorate in Neurosciences, Psychological and Psychiatric Sciences and Movement Sciences, University of Verona, Italy
- Active in giving lectures for PhD students in Verona and invited for teaching activities in Italy (e.g., International Summer School on Prion and prion-like neurodegenerative disorders, 2017; EFIC International Pain School on Neuropathic Pain, 2019)
- Supervisor of several PhD students and post docs in granted research projects
- Director of the Master Course in Clinical and Experimental Neuropsychology and the Course on Clinical Neurophsiopathology and Imaging of the Perip, University of Verona

Project Management skills

- 2015-2017: International Society of Peripheral Neurophysiological Imaging (ISPNI), Member of the Executive Board
- 2020-2022: Board of Directors (Secretary), Neuropathic Pain Consortium (NPC), Peripheral Nerve Society (PNS)
- 2022-2024: Board of Directors (Member), Toxic Neuropathy Consortium (TNC), Peripheral Nerve Society (PNS)
- 2013-2022: Italian Society of Neurorehabilitation, Board of Directors (2013-2019); Coordinator of the Special Interest Group on Pain (2013-ongoing)
- 2018-2022: Italian Association for the Study of Pain, Board of Directors (Member)
- 2013-ongoing: Italian Consensus Conference on Pain in Neurorehabilitation (ICCPN), Board of Directors

Other skills

- Contribution to the educational and support activities of local charities on Parkinson's and Alzheimer's disease

ADDITIONAL INFORMATION

Projects

- BIPBIP: a wearable smart system to prevent freezing of gait in people affected by Parkinson's disease; funding organization: Veneto Region – Fondo Sociale Europeo; period: October 2018 – September 2019; achieved contribution: € 74.500 (in collaboration with the Department of Computer Science)
- Smart-PUMP: a smart assistive system to monitor and control motor symptoms in Parkinson's disease; funding organization: Veneto Region – Fondo Sociale Europeo; period: October 2020 – September 2021; achieved contribution: € 47.100 (in collaboration with the Department of Computer Science)
- Joint Project 2021: MONITOR-PD - A teleMedicine platfOrm based oN Internet of medical Things for monitOring motoR symptoms in Parkinson's Disease; achieved contribution: € 15.520 (in collaboration with the Department of Computer Science)
- Joint Project 2017: Effectiveness of the natural environment for the dusk syndrome in Alzheimer's disease; achieved contribution: € 15.400
- Brain Research Foundation Verona 2021: Tele-monitoring, physical therapy and nutrition in neurology (Parkinson's disease, chemotherapy-induced neurotoxicity, emotional eating disorders); achieved contribution: € 30.000

Publication Track record

- Number of total Pubmed/Medline publications in peer-review journals: 210
- Total number of citations: 4860 (Scopus)
- H index: 41 (Scopus)

Full Publications List

https://pubmed.ncbi.nlm.nih.gov/?term=tamburin%20s%20&sort=date

Collaborations

- 2012-ongoing: participation to "Pain Relief with Immunoglobulin" group: Dr. Andreas Goebel (Liverpool, UK), Prof. Haruki Koike (Nagoya/Japan), Dr. Xavier Caro (Los Angeles, USA), Prof. Kristian Borg (Stockholm Sweden), Prof. Angela Vincent (Oxford, UK), Dr. Peter Spaeth (Bern, CH)

- 2019-ongoing: participation to the Toxic Neuropathy Consortium (TNC), of the Peripheral Nerve Society (PNS): Susanna B. Park (Sydney, Australia), Ian R. Kleckner (Baltimore, USA), Noah Kolb (Burlington, USA), Ahmet Hoke (Johns Hopkins School of Medicine, Baltimore, USA)
- 2020-ongoing: participation to the Demon Network: An international network for applying data science and AI to dementia (Director: Prof David Llewellyn, University of Exeter Medical School and Alan Turing Institute, UK)

Verona, February 28th, 2024 Stefano Tamburin

I authorize the processing of personal data contained in the curriculum vitae based on art. 13 of Legislative Decree 196/2003 and art. 13 GDPR 679/2016. Aware that false declarations entail the application of the penalties provided for by art. 76 of the Presidential Decree 445/2000, I declare that the information reported in the following curriculum vitae, drawn up in European format, is true (Art.45, 46, 48, 76 DPR 28/12/00n.445 and as amended).

Verona, February 28th, 2024 Stefano Tamburin