

# CURRICULUM VITAE

## PERSONAL DETAILS

Name PAWEL KIPER  
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## CURRENT OCCUPATION

14.11.2005 – present  
IRCCS San Camillo srl, via Alberoni 70, 30126 Venice (Italy)  
Laboratory of Neurorehabilitation Technologies  
Position: Physiotherapist (clinical and research)

## TEACHING EXPERIENCE

2019 – present: Lunex University in Differdange (Luxembourg)  
2018 – present: University School of Physical Education in Wroclaw (Polonia)  
2015 – 2016: Medical University of Bialystok (Poland)  
2006 – 2015: University of Padua (Italy)

## EDUCATION

2013 – PhD in Health Sciences, Jagiellonian University Medical College in Krakow (Poland)  
2006 – MSc in Physiotherapy Sciences, Rzeszow University (Poland)  
2004 – BSc in Physiotherapy, Rzeszow University (Poland)  
2002 – Pharmacy Technician (PhT), Medical Professional School in Mielec (Poland)

## POSTGRADUATE EDUCATION

2016 – Master in Management and Coordination Functions in the Health Professions, University Unitelma Sapienza in Rome (Italy)  
2017 – Postgraduate study in Systematic Reviews and Meta-analysis Cochrane, University of Modena and Reggio Emilia, Modena (Italy)

## SELECTED PEER-REVIEWED ARTICLES

Author and co-author of 24 scientific articles and 2 book chapters.

Guzik A, Drużbicki M, Maistrello L, Turolla A, Agostini M, **Kiper P**. Relationship Between Observational Wisconsin Gait Scale, Gait Deviation Index And Gait Variability Index In Individuals After Stroke, Arch Phys Med Rehabil. 2019;100(9):1680-1687. doi: 10.1016/j.apmr.2018.12.031.

**Kiper P**, Szczudlik A, Agostini M, Opara J, Nowobilski R, Ventura L, Tonin P, Turolla A. Virtual Reality for Upper Limb Rehabilitation in Subacute and Chronic Stroke: A Randomized Controlled Trial. Arch Phys Med Rehabil. 2018;99(5):834-842.e4. doi: 10.1016/j.apmr.2018.01.023.

**Kiper P**, Szczudlik A, Venneri A, Stożek J, Luque-Moreno C, Opara J, Baba A, Agostini M, Turolla A. Computational models and motor learning paradigms: Could they provide insights for neuroplasticity after stroke? An overview. J Neurol Sci. 2016, 369:141-148. doi: 10.1016/j.jns.2016.08.019.

**Kiper P**, Baba A, Agostini M, Turolla A. Proprioceptive Based Training for stroke recovery. Proposal of new treatment modality for rehabilitation of upper limb in neurological diseases. Archives of Physiotherapy, 2015, 5:6 doi:10.1186/s40945-015-0007-8.

**Kiper P**, Agostini M, Luque-Moreno C, Tonin P, Turolla A. Reinforced Feedback in Virtual Environment for Rehabilitation of Upper Extremity Dysfunction after Stroke: Preliminary Data from a Randomized Controlled Trial. BioMed Research International, vol. 2014, Article ID 752128, 8 pages, 2014. doi:10.1155/2014/752128.

## **CONTRIBUTED ORAL PRESENTATIONS AND POSTERS**

Participated in about 35 national and international conferences, giving about 40 presentations either in oral or poster form.

## **SELECTED COURSES**

Participated in about 30 professional and research courses

2008-2009 – Bobath Concept: Evaluation and treatment of adults with neurological conditions, IBITA Basic Course (Venice, Italy)

2010 – Neuromuscular Taping in physical rehabilitation – Advanced (Venice, Italy)

2014 – Clinical Research Methodology in Neurorehabilitation (Rome, Italy)

2016 – European School Marseille on Motor Disabilities (Lisbon, Portugal)

2016-2017 – Proprioceptive Neuromuscular Facilitation – PNF 1+2 basic course (Venice, Italy)

2018 – Methodology of clinical research in health agencies (Modena, Italy)

2019 – Training on Biomechanics and Virtual Reality Tools in the field of Stroke Rehabilitation (The Biomechanics Institute of Valencia, Spain)

## **CURRENT PROJECTS**

Research project – *Scientific Consultant and Study Chair* (ClinicalTrials.gov: NCT03830372)

VR Tier One – VR game supporting the therapy and rehabilitation of stroke patients, funded by Polish National Centre of Research and Development (Grant No. POIR.01.02.00-00-0134/16)

Participants - University School of Physical Education, Wroclaw, Poland; Rehabilitation Centre “Repty”, Tarnowskie Góry, Poland; IRCCS San Camillo Hospital, Venice, Italy; STOLGRAF company, Stanowice, Poland

Research project – *Co-Principal Investigator*

Financial Abilities in neurological diseases. Development of a telerehabilitation program: FINAGE, funded by Italian Ministry of Health (Grant n° GR-2018-12367927).

Participants - IRCCS San Camillo Hospital, Venice, Italy; University of Padova, Padua, Italy

Research project – *Study Chair* (ClinicalTrials.gov NCT02234531)

Assessment of a virtual teacher feedback for the recovery of upper limb after stroke, which was co-funded by Società Italiana di Fisioterapia (Bando di Ricerca S.I.F. 2013), IRCCS San Camillo Hospital, Venice, Italy

Research project – *Principal Investigator* (ClinicalTrials.gov NCT03155399)

Proprioceptive stimulation with manual bilateral rhythmic exercise in post-stroke patients: controlled clinical trial, funded by statutory sources of the research institute. IRCCS San Camillo Hospital, Venice, Italy