Frederick University

Academic Personnel Short Profile / Short CV

University:	Frederick University
Surname:	Patikas
Name:	Dimitrios
Rank/Position:	Professor
School:	School of Health Sciences
Department:	Sports, Exercise and Health Sciences
Scientific Domain:	**Neuromuscular Control and Training**

Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Bacheror's degree	1996	Aristotle University of Thessaloniki	Department of Physical Education and Sports Science	The influence of physical activity on the nerve motor conduction velocity
Master's degree	1998	Democritus University of Thrace	Department of Physical Education and Sports Science	Changes of the level of presynaptic inhibition of the soleus Ia afferents during a maximal isometric contraction
Doctoral degree	2002	Aristotle University of Thessaloniki	Department of Physical Education and Sports Science	The mechanism of presynaptic inhibition during a sustained submaximal contrac-tion

Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			

2002	2006	Department of Orthopaedics, University Clinic of Heidelberg	Heidelberg, Germany	Research assistant
2013	2022	Seegartenklinik	Heidelberg, Germany	Research assistant
2010	-	Aristotle University of Thessaloniki	Thessaloniki, Greece	Faculty staff
2025	Now	Frederick University	Nicosia, Cyprus	Collaborative Academic Staff

Key ***refereed*** journal papers, monographs, books, conference publications etc.						
Ref. Number	**Year**	**Title**	**Other authors**	**Journal and Publisher / Conference**	**Vol.**	**Pages**
1	2004	The effect of the ankle joint angle in the level of soleus Ia afferent presynaptic inhibition	Patikas DA, Kotzamanidis C, Robertson CT, Koceja DM.	Electromyogr Clin Neurophysiol	44	503-11
2	2006	Changes in the reflex excitability during and after a sustained, low-intensity muscle contraction	D A Patikas, H Bassa, C Kotzamanidis	Int J Sports Med	27	124-30
3	2016	Soleus H-reflex modulation during balance recovery after forward falling	Dimitrios A Patikas 1 , Falk Mersmann 2 , Sebastian Bohm 2 , Arno Schroll 2 , Robert Marzilger 2 , Adamantios Arampatzis 2	Muscle Nerve	54	952-958
4	2018	Exercise-induced fatigue in young people: advances and future perspectives	Dimitrios A Patikas 1 , Craig A Williams 2 , Sébastien Ratel 3	Eur J Appl Physiol	118	899-910
5	2019	Swaying slower reduces the destabilizing effects of a compliant surface on voluntary sway dynamics	Dimitrios A Patikas 1 , Anastasia Papavasileiou 1 , Antonis Ekizos 2 3 , Vassilia Hatzitaki 4 , Adamantios Arampatzis 2 3	PLoS One	14	e0226263

6	2006	Effects of a postoperative strength-training program on the walking ability of children with cerebral palsy: a randomized controlled trial	Dimitrios Patikas 1 , Sebastian I Wolf, Katrin Mund, Petra Armbrust, Waltraud Schuster, Leonhard Döderlein	Arch Phys Med Rehabil	87	619-26
7	2006	Effects of a postoperative resistive exercise program on the knee extension and flexion torque in children with cerebral palsy: a randomized clinical trial	Dimitrios Patikas 1 , Sebastian I Wolf, Petra Armbrust, Katrin Mund, Waltraud Schuster, Thomas Dreher, Leonhard Döderlein	Arch Phys Med Rehabil	87	1161-9
8	2013	Fatigue and recovery in children and adults during sustained contractions at 2 different submaximal intensities	Dimitrios Patikas 1 , Alexandros Kansizoglou, Nikolaos Koutlianos, Craig A Williams, Konstantinos Hatzikotoulas, Eleni Bassa, Christos Kotzamanidis	Appl Physiol Nutr Metab	38	953-959
9	2002	Electromyographic changes of agonist and antagonist calf muscles during maximum isometric induced fatigue	D Patikas 1 , C Michailidis, H Bassa, C Kotzamanidis, S Tokmakidis, S Alexiou, D M Koceja	Int J Sports Med	23	285-9
10	2005	Electromyographic evaluation of the sound and involved side during gait of spastic hemiplegic children with cerebral palsy	D Patikas 1 , S Wolf, L Döderlein	Eur J Neurol	12	691-9

Research Projects				
Ref. Number	**Date**	**Title**	**Funded by**	**Project Role**
1	2021-2024	Improving postural control by innovative stimulation of the proprioceptive system (IMPULSES)	ERA-NET NEURON	Principal Investigator (Greece)
2	2020-2023	Multifactorial fall risk assessment towards better tailored interventions in senescence	DAAD	Consortium member

3	2017-2019	German-Greek partnership to promote research and education in biomechanics and motor control related to aging" (GGP-Age, no 57339989)	DAAD	Consortium member
4	2000-2002	Strength training in children with cerebral palsy before and after the surgery	Stiftung Orthopädische Universitätsklinik, Heidelberg, Germany	Financed member
5	2001-2003	The children's foot and its shoe	Elefanten™ GmbH, Germany	Financed member

Awards / International Recognition			
Ref. Number	**Date**	**Title**	**Awarded by:**
1	2002	2nd price award for poster presentation during the 7th Annual Congress of the European College of Sport Science (Athens, Greece)	Masterfoods ™
2	2006	Nomination of the gaitlab research group for the scientific contribution with 5 publications during 2006	Orthopaedic Clinic of Heidelberg