Curriculum vitae

Name: Dr. Domoki Ferenc
Workplace: Szegedi Tudományegyetem, ÁOK, Élettani Intézet, Dóm tér 10. 6720.
Telephone: (62) 545-923
Fax: (62) 545-842
Birthplace: Szeged
Citizenship: Hungarian

Education and Degrees:
1985-89: high school, Radnóti Miklós Gimnázium Szeged, high school diploma "excellent"
1989-95: general medicine, Albert Szent-Györgyi Medical University, degree: medical doctor (summa cum laude)

Ph.D. thesis: Preservation of neuronal-vascular reactivity to N-methyl-D-aspartate after ischemia in newborn pigs. (2001)
Habilitation: The study of the neurovascular unit in newborn pigs (2008).

Foreign languages:
English – advanced (ECL C1, 2010)
German – advanced (Goethe Institut, C1, 2013)

Teaching:
Medical Physiology in English and Hungarian since 1995 and 1992, respectively.

Positions:
1991-95: member of the Student Scientific Team, at Department of Physiology, Albert Szent-Györgyi Medical University
1992-95: demonstrator, at Department of Physiology, Albert Szent-Györgyi Medical University
1995-1999: Assistant Lecturer at Department of Physiology, Albert Szent-Györgyi Medical University,
1997- 1999: Research Associate at Dept. of Physiology and Pharmacology, Wake Forest University School of Medicine, Winston-Salem, NC, USA.
1999-2001 Assistant Lecturer at Department of Physiology, Albert Szent-Györgyi Medical University (now University of Szeged, Faculty of Medicine)
2002-2007 Assistant Professor at Department of Physiology, Faculty of Medicine, University of Szeged.
2007- Associate Professor at Department of Physiology, Faculty of Medicine, University of Szeged.

Research Interest: cerebrovascular physiology, stroke pathophysiology

Grants:
Magyary Zoltán Postdoctoral Fellowship from the AMFK. Title: ”The role of cyclooxygenase(COX) isoforms in the pathomechanism of neonatal stroke”, (2002-2004)
Young investigator grant from the Hungarian Science Foundation (OTKA F043101). Title: ” The neuroprotective effect of ATP-sensitive potassium channel openers in piglets”, (2003-2005).

Grant from the Hungarian Science Foundation (OTKA K68976). Title: " The mechanism of neuroprotection afforded by activation of mitochondrial ATP-sensitive potassium channels in the newborn – a novel neuroprotective experimental approach.", (2007-2011).
Grant from the Hungarian Science Foundation (OTKA K100851). Title „Development of neuroprotective therapies after perinatal asphyxia in a large animal model " (2012-2015).
Grant from the Hungarian Brain research program (KTIA_13_NAP-A-I/13). Title „The role of neurovascular dysfunction in hypoxia/ischemia induced neuronal damage" (2013-2017)

Awards:
Conference of Student Researchers, Albert Szent-Györgyi Medical University: I. prize (1992)
Conference of Student Researchers, Albert Szent-Györgyi Medical University: I. prize (1993)
National conference of Hungarian Student Researchers, Medical section, Pécs: I. prize (1993)
Conference of Student Researchers, Albert Szent-Györgyi Medical University: Special Prize of the jury. (1995).
„Best Practical Teacher" award from the pharmacy students (1996)
„Best Practical Teacher" award from the medical students (2000)
Joó Ferenc Award from the Joó Ferenc Foundation (2000)
Travel award from the Science and Technology Foundation (2000)
Young Scientist Award from the Hungarian Academy of Sciences (2001)
Travel award from the International Society of Cerebral Blood Flow and Metabolism (2003)
Travel award from the Federation of European Neuroscience Societies (2004)
Travel award from the International Society of Cerebral Blood Flow and Metabolism (2007)

Reviewer in the following journals:
Acta Biologica Hungarica; Acta Paediatrica; Acta Pharmacologica Sinica; Acta Physiologica Hungarica; American Journal of Physiology Heart and Circulatory Physiology; American Journal of Physiology Regulatory Integrative Physiology; Brain Research; Brazilian Journal of Medical and Biological Research; Chinese Journal of Physiology; Comparative Medicine; Current Medicinal Chemistry; European Journal of Neuroscience; Experimental Gerontology; Experimental Neurology; Journal of Applied Physiology; Journal of Cerebral Blood Flow and Metabolism; Journal of Neurochemistry; Journal of Pediatric Biochemistry; Journal of Visualized Experiments; International Journal of Developmental Neuroscience; Medical Science Monitor; Microvascular Research; Neuroscience; Neurosurgery; Neuropharmacology; Neurotoxicity Research; Pediatric Pulmonology; Pharmacological Research; Pharmacology, Biochemistry and Behavior; PLOS One; Pulmonary Pharmacology and Therapeutics

Publications
http://www.mtakpa.hu/kpa/search/slist.php?lang=0&AuthorID=10001765

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