

Curriculum vitae

Zoltán Süle, M.Sc., Ph.D.

Personal data

Name: Dr. Zoltán Süle

Place and time of birth: Orosháza (Hungary), 14. 07. 1979

Nationality: Hungarian

Marital status: single

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Education

2011 PhD, Faculty of Medicine, University of Szeged, Hungary (ÁOK-42/2011.)

1997-2003 Biologist M.Sc., Faculty of Science, University of Szeged, Hungary (313/2003.)

1997-2003 Biology teacher M.Sc., Faculty of Science, University of Szeged, Hungary (265/2003)

Position

July 2011 – Research Associate (Department of Anatomy)

July 2006 – June 2011 Research Assistant (Department of Anatomy)

September 2003 – July 2006 Biologist (Department of Anatomy)

Teaching activity

Anatomy (Anatomy lectures for pharmacy students in Hungarian and in English)

Histology (Histology practices for medical and dentistry students in Hungarian and in English)
"Neurocytology", "Cytomorphology and Histotechnics", "Molecular cytology" (compulsory elective courses, lectures in Hungarian and in English)

Research activity

2004-2010 PhD student in the "Experimental and Clinical Neuroscience" Doctoral Programme (Faculty of Medicine, University of Szeged; Head of PhD Programme: Prof. László Vécsei MD, PhD, DSc).

Title of PhD Thesis: "Ultrastructural malformations of the cerebral microvessels in pathological conditions - an electron microscopic study". (Supervisors: Eszter Farkas MSc, Ph.D; Prof. András Mihály MD, PhD, DSc. Defence: 15th December 2010)

2001-2003 undergraduate researcher (Department of Physiology, Faculty of Science, University of Szeged, Consultants: Prof. József Toldi MSc, PhD, DSc; Katalin Kóródi MD, PhD).

Research interest: electron microscopic morphology, cerebrovascular dementia, cerebral oedema, Alzheimer disease, behavioural studies.

Administrative obligations

Sep 2012 – Educational Supervisor in the Department of Anatomy for the Hungarian medical students

Sep 2010 – Educational Supervisor in the Department of Anatomy for the Hungarian and English pharmacy students

Feb 2008 – Organizer of the Scientific Congress for the students of the Faculty of Medicine

May 2006 – Administrator of the homepage of the Anatomy Department

Languages

Native: Hungarian

Other: English (intermediate language exam), German (elementary language exam)

Membership in professional organisations

2004– Hungarian Association of Anatomists

2004– Hungarian Association of Physiologists

Publication activity

Full papers: 6

Cumulative impact factor (according to ISI JCR 2010): 16.229

Citations: 83 (independent: 73)

Abstracts published in cited journals: 3

Conference posters: 5

MTMT identity: 10040692

Full papers

1. Katalin Kóródi, Andrea Bite, Emőke Borbély, G. Kovács, Anett Nagy, Z. Süle, J. Toldi: A combined electrophysiological and behavioural study for the assessment of activity-dependent changes in mice; *Acta Biologica Hungarica* 53 (1-2), pp. 85-94; 2002 I.F.:0.793
2. P.F. Fabene, R. Weiczner, P. Marzola, E. Nicolato, L. Calderan, A. Andrioli, E. Farkas, Z. Süle, A. Mihaly, A. Sbarbati: Structural and functional MRI following 4-aminopyridine-induced seizures: A comparative imaging and anatomical study; *Neurobiology of disease* 21 (2006) 80-89, IF.:5.121
3. Farkas E., Süle Z., Tóth-Szúki V., Mátyás A., Antal P., Farkas I.G., Mihály A., Bari F: Tumor necrosis factor-alpha increases cerebral blood flow and ultrastructural capillary damage through the release of nitric oxide in the rat brain; *Microvascular Res.* 2006 Nov; 72(3):113-9 I.F.:2.390

4. Annaházi, A., Mracskó, É., Süle, Z., Karg, E., Penke, B., Bari, F., Farkas, E.: Pre-treatment and post-treatment with α -tocopherol attenuates hippocampal neuronal damage in experimental cerebral hypoperfusion. *Eur. J. Pharmacol.* 2007, 571, 120-128. I.F.: 2.737
5. Institóris, Á., Farkas, E., Berczi, S., Süle, Z., Bari, F.: Effects of cyclooxygenase (COX) inhibition on memory impairment and hippocampal damage in the early period of cerebral hypoperfusion in rats. *Eur. J. Pharmacol.* 2007, 574(1), 29-38. I.F.: 2.737
6. Süle Z, Mracskó E, Bereczki E, Sántha M, Csont T, Ferdinandy P, Bari F, Farkas E.: Capillary injury in the ischemic brain of hyperlipidemic, apolipoprotein B-100 transgenic mice. *Life Sci.* 2009, 84(25-26):935-9 I.F.: 2.451

Abstracts published in cited journals

1. Süle, Z., Tóth-Szúki, V., Antal, P., Mátyás, A., Mihály, A., Bari, F., Farkas, E.: TNF- α -induced microvascular damage is mediated by nitrogen monoxide in the rat brain. *Clin. Neurosci./Ideggyógy. Szle.* 2006, 59, 60.
2. Süle, Z., Bari, F., Sántha, M., Bereczki, E., Farkas, E.: Capillary injury in the ischemic brain of hyperlipidemic, apolipoprotein b-100 transgenic mice. *J. Vasc. Res.* 2008, 45 (Suppl. 2), 122. IF: 2. 752
3. Z. Sule, G. G. Kovacs, A. Mihaly, E. Farkas: Microvascular aberrations in the white matter in Alzheimer's disease. *J. Neurol. Sci.*, 2009, 283, (1-2), 286 IF: 2.167