

ISTVÁN ADORJÁN

Curriculum vitae

Personal information:

E-mail: adorist@freemail.hu, istvan.adorjan@dpag.ox.ac.uk

Place and date of birth: Budapest, Hungary 15/10/1980



Previous and current jobs

October 2016-

**Department of Anatomy, Histology and Embryology,
Semmelweis University Budapest**

Position: **Research Fellow**

Job description, responsibilities: investigation of cellular biomarkers in neuropsychiatric diseases, organisation of the research activity of medical students, giving anatomy and histology practicals and lectures in Hungarian and English; examining Hungarian and English speaking first and second year medical students

October 2016-

**Department of Physiology, Anatomy and Genetics,
University of Oxford, UK**

Position: **Visiting Researcher**

Job description, responsibilities: investigation of the effects of hypoxia on the structure of the developing human brain

January 2015- September 2016

**Neuropathology Unit, Nuffield Department of
Clinical Neurosciences, John Radcliffe Hospital,
Oxford, UK**

Position: **Research Fellow**

Job description, responsibilities: investigation of the structure of the human subventricular zone and striatum and their alterations in pathological conditions such as schizophrenia and autism spectrum disorder

November 2013-September 2016

**Department of Physiology, Anatomy and Genetics,
University of Oxford, UK**

Position: **Postdoctoral Research Scientist**

Job description, responsibilities: investigation of the structure of the human subventricular zone and striatum and their alterations in pathological conditions such as schizophrenia and autism spectrum disorder; examining medical and biomedical students as an Assessor of Final Honour School Examinations, teaching Anatomy for first, second and third year medical students

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September 2012-October 2013

**Department of Anatomy, Histology and Embryology,
Semmelweis University Budapest**

Position: **Research Fellow**

Job description, responsibilities: organisation of the research activity of medical students; tutoring the diploma work of end year medical students, giving anatomy and histology practicals and lectures in Hungarian, English and German; examining Hungarian, English and German speaking first and second year medical students; course director of first year Hungarian medical students

March 2011-August 2012

Position: **Assistant Lecturer**

Job description, responsibilities: giving anatomy and histology practicals and lectures in Hungarian, English and German; examining Hungarian and English speaking first and second year medical students; organisation of the research activity of medical students; tutoring the diploma work of end year medical students

March 2008 - March 2011

Position: **Research Assistant**

Job description, responsibilities: see previous paragraph

September 2004 – February 2008

Position: **PhD Student**

Job description, responsibilities: giving anatomy and histology practicals in Hungarian and English; organisation of the research activity of medical students

August 2001 – May 2004

Position: **Undergraduate Research Assistant**

Job description, responsibilities: research work in neuroscience

Trainings:

September 2004 - May 2012

**School of PhD Studies, Semmelweis University
Budapest**

Student status: PhD Student

Certificate: PhD diploma in Neuroscience

September 1999 - August 2005

**Faculty of Medicine, Semmelweis University
Budapest**

Student status: Medical Student

Certificate: MD diploma

Publications:

- Adorjan I, Ahmed B, Feher V, Torso M, Krug K, Esiri M, Chance SA, Szele FG. 2017. Calretinin interneuron density in the caudate is lower in autism spectrum disorder. *Brain* 140:2028-2040. IF: 10,103
- Chang EH, Adorjan I, Mundim MV, Sun B, Dizon MLV, Szele FG. 2016. Traumatic brain injury activation of the adult subventricular zone neurogenic niche. *Frontiers in Neuroscience*. doi:10.3389/fnins.2016.00332. IF: 3,42
- James RE, Hillis J, Adorján I, Gratton B, Mundim MV, Iqbal AJ, Majumdar MM, Yates RL, Richards MM, Goings GE, DeLuca GC, Greaves DR, Miller SD, Szele FG. 2015. Loss of galectin-3 decreases the number of immune cells in the subventricular zone and restores proliferation in a viral model of multiple sclerosis. *Glia* 64(1): 105-121. IF: 6,031
- Adorjan I, Bindics K, Galgoczy P, Kalman M. 2014. Phases of intermediate filament composition in Bergmann glia following cerebellar injury in rat. *Exp Brain Res*, 232(7):2095-104. IF: 2,221
- Kálmán M, Mahalek J, Adorján A, Adorján I, Pócsai K, Bagyura Z, Sadeghian S. 2011. Alterations of the perivascular dystrophin-dystroglycan complex following brain lesions. An immunohistochemical study in rats. *Histol Histopathol*, (11):1435-52. IF: 2,502
- Wappler EA, Adorján I, Gál A, Galgóczy P, Bindics K, Nagy Z. 2011. Dynamics of dystroglycan complex proteins and laminin changes due to angiogenesis in rat cerebral hypoperfusion. *Microvasc Res*, 81(2):153-9. IF: 2,390
- Adorján I, Kálmán M. 2009. Distribution of beta-dystroglycan immunopositive globules in the subventricular zone of rat brain. *Glia*, 57(6):657-66. IF: 4,932
- Goren O, Adorján I, Kálmán M. 2006. Heterogeneous occurrence of aquaporin-4 in the ependyma and in the circumventricular organs in rat and chicken. *Anat Embryol (Berl)*, 211(2):155-72. IF: 1,277

PhD Thesis:

Distribution of β -dystroglycan and aquaporin-4 in the ependyma and subventricular zone.
2012. School of PhD Studies, Semmelweis University, Budapest, Hungary