JÁNOS TAJTI

Associate Professor of Neurology

- 1983 Graduation (Medicine, ″summa cum laude″), University of Szeged, Hungary
- 1983-85 Assistant, Department of Anatomy, University of Szeged
- 1985-89 Resident, Department of Neurology, University of Szeged
- 1989 Board examination in neurology, University of Budapest
- 1989-91 Post-doctoral Fellow, Department of Neurology, Baylor College of Medicine, Houston, Tx, USA
- 1989-95 Consultant neurologist, Department of Neurology, University of Szeged
- 1994 Ph.D., University of Szeged
- 1995-2001 Assistant Professor of Clinical Neurology, Department of Neurology, University of Szeged
- 1997-98 Guest Scientist, Department of Internal Medicine, Division of Experimental Vascular Research, University of Lund, Sweden
- 1999 Habilitation (Neurology), University of Szeged
- 2001- Associate Professor of Clinical Neurology, Department of Neurology, University of Szeged

Major Research Interests

The complex pathomechanism of primary headaches and novel strategies for the therapy of these diseases.
Chronic pain syndromes and the pathomechanism of neurodegenerative disorders.

Selected Recent Publications

Tajti, J., Uddman, R., Möller, S., Sundler, F., Edvinsson, L. Messenger molecules and receptor mRNA in the human trigeminal ganglion. J. of Autonomic Nervous System 76:176-183, 1999.

Tajti, J., Uddman, R., Edvinsson, L. Neuropeptide messengers in the migraine generator region of the human brainstem. Cephalalgia 21:96-101, 2001.

Kuris, A., Xu, C.B., Zhou, M.F., Tajti, J., Uddman, R., Edvinsson, L. Enhanced expression of CGRP in rat trigeminal ganglion neurons during cell and organ culture. Brain Research 1173:6-13, 2007.

Zidverc-Trajkovic, J., Stanimirovic, D., Obrenovic, R., Tajti, J., Vécsei, L., Gardi, J., Németh, J., Mijajlovic, M., Sternic, N., Jankovic, L. Calcitonin gene-related peptide levels in saliva of patients with burning mouth syndrome. J. Oral Pathology and Medicine 38:29-33, 2009.

Vámos, E., Párdutz, Á. Varga, H., Bohár, Zs., Tajti, J., Fülöp, F., Toldi, J., Vécsei, L. L-kynurenine combined with probenecid and the novel synthetic kynurenic acid derivative attenuate nitroglycerin-induced nNOS in the rat caudal trigeminal nucleus. Neuropharmacology 57:425-429, 2009.

Vámos, E., Fejes, A., Koch, J., Tajti, J. Fülöp, F., Toldi, J., Párdutz, Á., Vécsei, L. Kynurenate derivative attenuates the nitroglycerin-induced CamKIIα and CGRP expression changes. Headache 50:834-843, 2010.

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