

## Curriculum vitae

Name: Tamás Körtési

Date of Birth: 25 04 1991

Nationality: Hungarian

Phone Number: +36-30-9782-458

Email Address: [tk19910425@gmail.com](mailto:tk19910425@gmail.com), [kortesi.tamas@szte.hu](mailto:kortesi.tamas@szte.hu)



### Studies:

**1997 – 2005** Petőfi Sándor practice elementary school

**2005 – 2009** Kocsis Pál Agricultural and Environmental Vocational Grammar School

**2009 – 2013** University of Szeged, Faculty of Science and Informatics, Biology BSc – Cell and Molecular speciality

**2014 – 2016** University of Szeged, Faculty of Science and Informatics, Biologist MSc – Neuroscience and human biology speciality

**2016 – 2020** University of Szeged, Albert Szent-Györgyi Medical School, Neurology Clinic, Ph.D. student

**2023 –** University of Szeged, Faculty of Engineering, Nutritional Science MSc

### Workplaces:

**2016 - 2017** University of Szeged, Albert Szent-Györgyi Medical School, Neurology Clinic, Cerebrospinal fluid laboratory

**2020 –** HUN-REN-SZTE Neuroscience Research Group

**2020 –** University of Szeged, Faculty of Health Sciences and Social Studies, Department of Theoretical Health Sciences and Health Management

### Languages:

- german: intermediate, complex oral and written (B2) language exam
- english: basic IKI Ph.D. oral and written language exam

**Computer skills:**

- Microsoft Office Word, Excel, PowerPoint, Adobe Photoshop, SPSS, R

**Specialized training courses:**

**2016**            Theoretical and Practical Course on Animal Experiments (Type A)

**Awards and honors:**

**2024**            University Research Scholarship Program , Postdoctor category

**2022**            New National Excellence Program of the Ministry for Innovation and  
Technology, postdoctor category

**2020**            New National Excellence Program of the Ministry for Innovation and  
Technology, predoctor category

**2016**            Szeged city scholarship

**Memberships:**

**2013** –            Hungarian Headache Society

**2022** –            Hungarian Pain Society

**Research area:**

Pathomechanism of primary headache disorders – preclinical and clinical investigations

## **Publications:**

Release of PACAP-38 in episodic cluster headache patients - an exploratory study.

Tuka B, Szabó N, Tóth E, Kincses ZT, Párdutz Á, Szok D, **Körtési T**, Bagoly T, Helyes Z, Edvinsson L, Vécsei L, Tajti J.

J Headache Pain. 2016 Dec; 17 (1):69. doi: 10.1186/s10194-016-0660-7. Epub 2016 Jul 30. (IF: 3.58)

Kynurenic Acid Inhibits the Electrical Stimulation Induced Elevated Pituitary Adenylate Cyclase-Activating Polypeptide Expression in the TNC.

**Körtési T**, Tuka B, Tajti J, Bagoly T, Fülöp F, Helyes Z, Vécsei L.

Front Neurol. 2018 Jan 16; 8:745. doi: 10.3389/fneur.2017.00745. eCollection 2017. (IF: 2.635)

The effect of orofacial complete Freund's adjuvant treatment on the expression of migraine-related molecules.

**Körtési T**, Tuka B, Nyári A, Vécsei L, Tajti J,

J Headache Pain. 2019 Apr 29;20(1):43. doi: 10.1186/s10194-019-0999-7. (IF: 4.797)

Neurotransmitter and tryptophan metabolite concentration changes in the complete Freund's adjuvant model of orofacial pain.

Cseh EK, Veres G, **Körtési T**, Polyák H, Nánási N, Tajti J, Párdutz Á, Klivényi P, Vécsei L, Zádori D.

J Headache Pain. 2020 Apr 21;21(1):35. doi: 10.1186/s10194-020-01105-6 (IF: 7.277)

Clinical relevance of depressed kynurenine pathway in episodic migraine patients: potential prognostic markers in the peripheral plasma during the interictal period.

Tuka B, Nyári A, Cseh EK, **Körtési T**, Veréb D, Tömösi F, Kecskeméti G, Janáky T, Tajti J, Vécsei L.

J Headache Pain. 2021 Jun 25;22(1):60. doi: 10.1186/s10194-021-01239-1. (IF: 7.277)

Identification of disease- and headache-specific mediators and pathways in migraine using blood transcriptomic and metabolomic analysis.

Aczél T - **Körtési T**, Kun J, Urbán P, Bauer W, Herczeg R, Farkas R, Kovács K, Vásárhelyi B, Karvaly GB, Gyenesei A, Tuka B, Tajti J, Vécsei L, Bölcskei K, Helyes Z.

J Headache Pain. 2021 Oct 6;22(1):117. doi: 10.1186/s10194-021-01285-9.

(IF: 7.277)

Disease- and headache-specific microRNA signatures and predicted targets in peripheral blood mononuclear cells in migraineurs: potential role of inflammatory signalling and oxidative stress

Aczél T, Ágg B, Benczik B, **Körtési T**, Urbán P, Bauer W, Gyenesei A, Tuka B, Tajti J, Ferdinandy P, Vécsei L, Bölcskei K, Kun J, Helyes Zs.

J Headache Pain

(IF: 7.277)

Exploring the Tryptophan Metabolic Pathways in Migraine-Related Mechanisms.

**Körtési T**, Spekker E, Vécsei L.

Cells

(IF: 7.666)

TRP Channels: Recent Development in Translational Research and Potential Therapeutic Targets in Migraine.

Spekker E, **Körtési T**, Vécsei L.

International Journal of Molecular Sciences

(IF: 6.208)

Cluster headache and kynurenines

Tuka B, **Körtési T**, Nánási N, Tömösi F, Janáky T, Szok D, Tajti J, Vécsei L.

J Headache Pain

(IF: 7.277)

From CGRP to PACAP, VIP, and Beyond: Unraveling the Next Chapters in Migraine Treatment

Tanaka M, Szabó Á, **Körtési T**, Szok D, Tajti J, Vécsei L

Cells

(IF: 7.666)

The role of kynurenines in migraine-related neuroimmune pathways.

**Körtési T**, Nagy-Grócz G, Vécsei L

J Headache Pain

(IF: 7.4)