

PERSONAL INFORMATION

Tamás Oláh

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Date of birth: 26 August, 1983



WORK EXPERIENCE

2023. – present **assistant professor**
University of Debrecen (UD), Faculty of Medicine, Department of Physiology
2017. – 2023. **postdoctor**
Saarland University, Center of Experimental Orthopaedics, Homburg, Saar, Germany – lab of Prof. Dr. Henning Madry
2015. **guest researcher**
Institute of Medical Biotechnology, University of Erlangen-Nürnberg, Erlangen, Germany – lab of Prof. Dr. Oliver Friedrich (11.07.2015. – 01.08.2015.)
2012. – 2016. **junior research associate, postdoctor**
University of Debrecen (UD), Faculty of Medicine, Department of Physiology
2010. – 2012. **Predoctoral fellow**
University of Debrecen (UD), Faculty of Medicine, Department of Physiology
2007. – 2010. **Ph.D. student**
University of Debrecen (UD), Faculty of Medicine, Department of Physiology

EDUCATION AND TRAINING

2022. **Golden Ear Farmer (OKJ 31-621-02)**
ÉLIA Adult Education
Partial vocational qualification
2015. **Laboratory animal science and experimental design – EU „B”-level training (formerly FELASA “C”)**
University of Debrecen (UD), Faculty of Medicine (269/2015/DEMÁB)
2012. **Ph.D. degree**
University of Debrecen, Hungary. Doctoral School of Molecular Medicine, Physiology and neurobiology doctoral program (Summa Cum Laude; 96/2012 PhD)
2007. – 2010. **Ph.D. student**
University of Debrecen (UD), Faculty of Medicine, Department of Physiology
Doctoral School of Molecular Medicine
2002. – 2007. **Biology MSc (specialization: Ecology)**
University of Debrecen, Faculty of Sciences (T343/2007)
1998. – 2002.. **Graduation**
Eötvös József High School, Tiszaújváros
specialization: English

PERSONAL SKILLS

Mother tongue(s) Hungarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
German	A1	A1	A1	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference for Languages

Communication skills I have good communication skills both verbally and in writing. I publish in English language journals. I teach students on a weekly basis.

Organizational / managerial skills Planning, leading, and managing research projects; tutoring graduate and PhD students.

Job-related skills Excellent problem-solving and manual skills. I have many years of experience, which I gained in an always-changing environment.

Computer skills Microsoft Office, Graphpad Prism, Origin, Adobe Photoshop, Past statistics

EDUCATIONAL ACTIVITIES

Teaching experience 2025- Human Physiology lectures for MSc students in Hungarian and English
2025- Cellular Physiology BSc lectures in English
2024- Cellular Physiology BSc lectures in Hungarian
2024- Human Physiology seminars for Pharmacy students in Hungarian and English
2018-2023 Credit course lectures for MSc students (University of Lorraine, Nancy, France)
2014-2016 Supervisor in the Students' Research Society and DETEP
2014-2016 Physiology seminars for Basic Medical Course (BMC) students
2010-2016 Physiology lectures and seminars for BSc students
2009-2016 Laboratory practices in various MSc and PhD credit courses
2008-2016, 2023- Medical Physiology and Human Physiology laboratory practices

Doctoral education Member of the Doctoral School of Molecular Medicine at UD from 2024.
<https://www.doktori.hu/doktori-kepzes/szemelyek/50443/>

PUBLIC ACTIVITIES

Awards 2026: 2025 Talent Innovation Award in Biomedicine (Hungarian Innovation Center, Nanjing, China)
2025: Publication Prize of Count István Tisza Foundation for the University of Debrecen and the University of Debrecen
2024-2027: Bolyai János Research Scholarship (Hungarian Academy of Sciences)
2023: AFOR Scientific Award (Association for Orthopaedic Research (AFOR) Foundation, Switzerland)
2020: Preis zur Förderung der Grundlagenforschung 2020 (Prize for the promotion of fundamental research 2020) (Deutsche Gesellschaft für Orthopädie und Unfallchirurgie)
2015: 2nd prize - Young Investigator Award of Microtrade Ltd., Budapest, Hungary
2015: 1st prize - "The Forest For Me" photo contest (University of Debrecen)

2014: Pál Erdős Scholarship – National Excellence Program of Hungary; *excellent rating*

2014: Young Investigator Award / Best Poster Award - 43rd European Muscle Conference, Salzburg, Austria

2014: Kovács Tibor Prize - 44. Membrane Transport Conference, Sümeg, Hungary

2010: award on the poster competition - 40. Membrane Transport Conference, Sümeg

2006: 3rd prize - Local Students' Research Society Conference, Biology I session

2005: 3rd prize - photo contest of the XXVIII. Hungarian Entomological Days (Hungarian Entomological Society)

2005: 1st prize - Local Students' Research Society Conference, Biology session

SCIENTIFIC ACTIVITY

Research interests	Osteochondral changes in knee osteoarthritis in animal models and humans. Repair of focal cartilage defects with tissue engineering methods. Regulation of the Ca^{2+} homeostasis and excitation-contraction coupling of skeletal muscle. Calcium signaling in chondrocytes and other non-excitabile cells.
Research groups	Member of the UD Physiology Department, Calcium homeostasis research group from 2007. Member of Saarland University, Center of Experimental Orthopaedics 2016-2023
Memberships	European Orthopaedic Research Society (EORS) Osteoarthritis Research Society International (OARSI) Deutsche Gesellschaft für Orthopädie und Unfallchirurgie (DGOU) Orthopaedic Research Society (ORS) Cartilage Net of the Greater Region (Germany, France, Belgium, Luxembourg) European Society for Muscle Research Public body of Hungarian Academy of Sciences (MTA) Hungarian Physiological Society Hungarian Entomological Society
Hungarian Academy of Science	Member of the Public Body of HAS from 2013.
Editorial board memberships	2023- Exploration of Musculoskeletal Diseases 2019-2021 Journal of Experimental Orthopaedics
Research publications	https://scholar.google.com/citations?user=7VRnye0AAAAJ&hl=en https://tudoster.unideb.hu/hu/szerzok/1305 MTMT: 10034249 Number of <i>in extenso</i> publications: 40 (16 first / last authored) Cumulative IF: 231.598 Citations (Google scholar): 1151 h-index (Google scholar): 22 Book chapters: 4 (3 first authored) Citable abstracts: 18 (12 first / last authored) Conference posters / lectures: 66 (40 first / last authored)

02.09.2026.