

PERSONAL INFORMATION

Attila Oláh

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Date of birth 22. January 1984.



WORK EXPERIENCE

- 2024 - **associate professor**
Department of Physiology, Faculty of Medicine, University of Debrecen
- 2019 – 2024. **assistant professor**
Department of Physiology, Faculty of Medicine, University of Debrecen
- 2018 – 2019. **assistant lecturer**
Department of Physiology, Faculty of Medicine, University of Debrecen
- 2016 – 2018 **assistant research fellow**
Department of Physiology, Faculty of Medicine, University of Debrecen
- 2012 – 2016 **assistant lecturer**
Department of Physiology, Faculty of Medicine, University of Debrecen
- 2014 – 2015 **guest researcher**
University of Münster, Department of Dermatology; employed by Dr. August Wolff GmbH & Co. KG Arzneimittel
- 2011 – 2012 **laboratory manager**
Department of Physiology, Medical and Health Science Center, University of Debrecen

EDUCATION AND TRAINING

- 2022 **Habilitation (theoretical medicine)**
University of Debrecen (31/2022 Hab)
- 2021 **“Management and Leadership Development Programme for ESDR Future Leaders in Dermatology”**
The University of Manchester Alliance Manchester Business School (Manchester, UK)
- 2018 **“Teaching Skills Masterclass”**
Higher Education Academy (York, UK)
- 2016 **Ph.D. degree**
University of Debrecen, Doctoral School of Molecular Medicine, Physiology, neurobiology doctoral program (Summa Cum Laude; 46/2016 PhD)
Role of cannabinoid signaling in selected (patho)physiological processes of the human skin
- 2008 – 2011 **Ph.D. student**
University of Debrecen, Doctoral School of Molecular Medicine, Physiology, neurobiology doctoral program

2002 – 2008 **General Medicine**
University of Debrecen (Summa Cum Laude; 120-148/2008 DEOEC ÁOK)

1998 – 2002 **Graduation**
Tóth Árpád High School, Debrecen, Hungary
specialization: biology-chemistry

PERSONAL SKILLS

Mother tongue(s) Hungarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	C1	C1	C1	C1	B2

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

Communication skills I have excellent communication skills in Hungarian and in English both verbally and in writing.

Organizational / management skills I use my leadership skills in managing my research group.

Job-related skills I have excellent problem-solving skills and a results-focused mindset.

Computer skills Microsoft Office, GraphPad Prism

EDUCATIONAL ACTIVITIES

Teaching experience Medical Physiology for general medicine and dentistry students (lectures, seminars, and practices in Hungarian and in English).
Human Physiology for biomedical laboratory and imaging science BSc, public health BSc, molecular biology MSc, and pharmacy students (lectures and seminars in Hungarian and in English).
“Unispace” - Biology of the human body: Basic principles in a nutshell (lectures in Hungarian).

Tutoring activity Supervisor of 4 PhD students, 2 successful PhD defense
“Szent-Györgyi mentor” at the National Academy of Scientist Education since 2022
Tutoring of 19 diploma students: 21 accepted theses
21 lectures presented at the local conference of Students’ Research Society (3-3 of them attained first, second, and third places, and 5 attained Special Awards)
4 lectures presented at the national conference of Students’ Research Society (1 attained first place; whereas 1 attained Special Award)

PUBLIC ACTIVITIES

- Awards**
- “*Lajos Szodoray Scholarship*” (Faculty of Medicine, University of Debrecen) 2017-2020
 - “*Best Poster Award*” (46th Meeting of the Hungarian Immunological Society) 2017
 - “*Poster award*” (3rd Endocannabinoid Pharmacology Meeting) 2016
 - “*Jubilee Special Award*” (Per-Form Hungária Kft. and University of Pécs) 2016
 - “*Young Investigator Award 2016*” (Hungarian Physiological Society) 2016
 - “*Galderma Acne and Rosacea Basic Research Award*” (Galderma International) 2015
 - “*Eastern European Research Award*” (ESDR and Austrian Society of Dermatology) 2015
 - “*Publication Award 2015*” – molecular medicine (University of Debrecen) 2015
 - “*Young Researcher Application 2011*” 3rd prize, biology section (Tecan – Microtrade Ltd., Hungary) 2012
 - “*ICRS 2012 Presentation award*” (22nd Annual International Cannabinoid Research Society Symposium) 2012
 - “*Cannabinoid Conference 2011 Presentation Award*” (IACM 6th Conference on Cannabinoids in Medicine and 5th European Workshop on Cannabinoid Research) 2011
 - “*ESDR Poster Prize 2009*” (39th Annual Meeting of the European Society for Dermatological Research) 2009
 - “*Richter Talentum Fellowship*” (Richter Gedeon Talentum Foundation) 2008-2011
 - “*Good student, good sportsman*” award (Faculty of Medicine, University of Debrecen) 2008
 - “*Republic Fellowship*” (State of Hungary) 2007-2008
 - “*Good student, good sportsman*” award (Faculty of Medicine, University of Debrecen) 2006

SCIENTIFIC ACTIVITIES

- Research interests**
- Endogenous cannabinoid system, as well as transient receptor potential (TRP) ion channels and their role in the biology of the human skin and its appendages
 - Biological effects of phytocannabinoids
 - Mitochondrial biology of human skin
 - Role of extracellular vesicles in human skin
- Research groups**
- Leader of the Laboratory for Cellular and Molecular Physiology – Cannabinoid Biology Research Group since 2020
- Memberships**
- Hungarian Society for Extracellular Vesicles (HSEV) since 2021
 - Mensa HungarIQa (national Mensa group of Hungary) since 2021
 - Hungarian Society for Immunology (HSI) since 2020
 - International Association for Cannabinoid Medicines (IACM) since 2019
 - International Society for Extracellular Vesicles (ISEV) since 2017
 - Hungarian Dermatological Society (HDS) since 2016
 - ESDR “Future Leaders Academy” alumni since 2015
 - European Society for Dermatological Research (ESDR) since 2015
 - International Cannabinoid Research Society (ICRS) since 2012
 - Hungarian Physiological Society (HPS) since 2012

Hungarian Academy of Sciences

Member of the Public Body of the Hungarian Academy of Sciences since 2016.

Editorial board memberships

Dermato (<https://www.mdpi.com/journal/dermato/editors>)

Reviewer activity

>90 verified reviews

Antioxidants, Arch. Dermatol. Res.; BB Reports; Br. J. Pharmacol.; Cannabis Cannabinoid Res.; Clin. Drug Investig.; Dermato; Dermatology; Exp. Cell Res.; Exp. Dermatol.; Front. Cell Dev. Biol.; Fr. Endocrinol.; Fr. Oncol.; Fr. Pharmacol.; Fr. Psychiatry; Front. Vet. Sci.; Heliyon; Immunol. Lett.; JAMA Dermatol.; J. Biomed. Sci.; J. Cannabis Res.; J. Clin. Invest.; JCOMM; JEADV; J. Pain Symptom Manag.; J. Phys. Med. Rehabil. Disabil.; Medicines; Molecules; Nutrients; Physiol. Int.; Sci. Rep.; Skin Pharmacol. Physiol.; Toxicology in vitro; Toxins

Research grants, scholarships

“Bolyai+ Scholarship” (Ministry for Culture and Innovation, New National Excellence Program; title: Investigation of the (patho)physiology of sebaceous gland and acne ; ID: ÚNKP-23-5-DE-477) 2023-2024

COST Actions, *“Secondary Proposer”*; title: European Network for Skin Engineering and Modeling (NETSKINMODELS); ID: CA21108 2022-2026

“Bolyai+ Scholarship” (Ministry for Culture and Innovation, New National Excellence Program; title: Newer aspects of the (patho)physiology of sebaceous gland and acne; ID: ÚNKP-22-5-DE-427) 2022-2023

“Bolyai+ Scholarship” (Ministry for Innovation and Technology, New National Excellence Program; title: Novel aspects of the (patho)physiology of sebaceous gland and acne; ID: ÚNKP-21-5-DE-465) 2021-2022

“János Bolyai Research Scholarship of the Hungarian Academy of Sciences” (Title: Novel aspects of the (patho)physiology of sebaceous glands and acne; ID: BO/00660/21/5) 2021-2024

“Supporting the initiation of novel PhD topics by young lecturers/researchers” (internal grant of the University of Debrecen within the confines of “EFOP-3.6.3-VEKOP-16-2017-00009” project; titles: Further investigation of certain aspects of the cannabinoid signaling in human hair follicles; and Investigation of the role of the purinergic signaling in human sebocytes) 2021

“NRDIO FK_20 grant” – principal investigator (Title: Exploration of the role of mitochondria in the (patho)physiology of human sebaceous glands; ID: 134235) 2020-2024

“Supporting the initiation of novel PhD topics by young lecturers/researchers” (internal grant of the University of Debrecen within the confines of “EFOP-3.6.3-VEKOP-16-2017-00009” project; titles: Investigation of certain aspects of the cannabinoid signaling in human hair follicles; and Investigation of the mechanism of the anti-inflammatory action of fluoxetine in human keratinocytes) 2020

“Bolyai+ Scholarship” (Ministry for Innovation and Technology, New National Excellence Program; title: Further investigation of novel aspects of cannabinoid signaling in human skin; ID: ÚNKP-19-4-DE-287) 2019-2020

“Supporting the initiation of novel PhD topics by young lecturers/researchers” (internal grant of the University of Debrecen within the confines of “EFOP-3.6.3-VEKOP-16-2017-00009” project; title: Role of the κ opioid receptor (KOR) in regulating biology of human keratinocytes) 2019

“Bolyai+ Scholarship” (Ministry of Human Capacities, New National Excellence Program; title: Novel aspects of cannabinoid signaling in human skin; ID: ÚNKP-18-4-DE-247) 2018-2019

“NRDIO FK_17 grant” – principal investigator (Title: Novel aspects of cannabinoid signaling in health and disease of human skin; ID: FK 125055) 2017-2020

“János Bolyai Research Scholarship of the Hungarian Academy of Sciences” (Title: Novel aspects of cannabinoid signaling in health and disease of human skin; ID: BO/00699/17) 2017-2020

“**NRDIO K_16 grant**” – senior participant (2016-2020) principal investigator (2020) (Title: Exploitation of the therapeutic potential of the skin cannabinoid system in atopic dermatitis; ID: K 120552). Note: Change of the PI was implemented because the original PI ceased to work at the University of Debrecen.

“**NRDIO PD_16 grant**” – principal investigator (Title: Investigation of the cannabinoid signaling in atopic dermatitis; ID: PD 121360) 2016-2019

“**Jedlik Ányos Predoctoral Scholarship**” (National Excellence Program; title: Role of the cannabinoid system in the regulation of the barrier functions of the skin; ID: A2-JÁDJ-12-0117) 2013-2014

Active industrial collaboration Dr. August Wolff GmbH & Co. KG Arzneimittel (Bielfeld, Germany)
Bionorica SE (Neumarkt, Germany)

Consultancy Monasterium Laboratory Skin & Hair Research Solutions GmbH (2021-)
Botanix Pharmaceuticals Ltd. (2018-2020)

Publications Google Scholar: <https://scholar.google.com/citations?user=81FecLgAAAAJ>
Web of Science: <https://www.webofscience.com/wos/author/record/882006>
Scopus: <https://www.scopus.com/authid/detail.uri?authorId=56650209000>
Scientometrics.org: <https://scientometrics.org/?mtmtid=10034478>
“Tudóstér”: <https://tudoster.idea.unideb.hu/hu/szerzok/1297>
MTMT: 10034478
ORCID: 0000-0003-4122-5639
Number of *in extenso* publications: **41** (**12** first-authored, **9** last-authored)
Cumulative IF: **204.266** (JCR 2023)
Cumulative IF of the first-authored and last-authored *in extenso* publications: **104.506** (JCR 2023)
Citations (Google Scholar): **2631**
h-index (Google Scholar): **23**
Book chapters: **3** (**2** first authored)
Citable abstracts: **41** (**8** first-authored; **14** last-authored)
Number of posters: **119** (**20** first-authored; **33** last-authored)
Number of lectures: **40** (**31** first-authored [**9** invited keynote lectures]; **2** last-authored)

September 12, 2024