

# Curriculum vitae - Attila Oláh



## Personal details

Name: Attila Oláh  
Place and date of birth: Mátészalka, Hungary; January 22, 1984  
Citizenship: Hungarian  
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## Job experience

2024- associate professor - Department of Physiology, University of Debrecen  
2019-2024 assistant professor - Department of Physiology, University of Debrecen  
2018-2019. assistant lecturer - Department of Physiology, University of Debrecen  
2016-2018. assistant research fellow - Department of Physiology, University of Debrecen  
2012-2016. assistant lecturer - Department of Physiology, 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, University of Debrecen

## Education

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)  
2008-2011. *Ph.D. student* (Department of Physiology, University of Debrecen)  
2002-2008. *general medicine* - University of Debrecen (*Summa Cum Laude*; 120-148/2008 DEOEC ÁOK)

## Major 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

## Language skills

Hungarian (native speaker), English (B2; No. 504738), French (B2; No. HF-32165/2000), French D.E.L.F. 1<sup>er</sup> Degré (No. 03652100049)

## Teaching activity

- ❖ 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 defenses**
- ❖ “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)

### Awards

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

### 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

### 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.; JCMM; JEADV; J. Pain Symptom Manag.; J. Phys. Med. Rehabil. Disabil.; Medicines; Molecules; Nutrients; Physiol. Int.; Sci. Rep.; Skin Pharmacol. Physiol.; Toxicology in vitro; Toxins*

## Editorial board membership

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

## Research grants, scholarships

- 2023-2024. *"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)
- 2022-2026. COST Actions, *"Secondary Proposer"* and *"Early Career Investigator" coordinator*; title: **European Network for Skin Engineering and Modeling (NETSKINMODELS)**; ID: CA21108
- 2022-2023. *"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)
- 2021-2022. *"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)
- 2021-2024. *"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. *"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**)
- 2020-2024. *"NRDIO FK\_20 grant"* – principal investigator (Title: **Exploration of the role of mitochondria in the (patho)physiology of human sebaceous glands**; ID: 134235)
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; 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**)
- 2019-2020. *"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. *"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  $\kappa$  opioid receptor (KOR) in regulating biology of human keratinocytes**)
- 2018-2019. *"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)
- 2017-2020. *"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)
- 2016-2020. *"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.*
- 2016-2019. *"NRDIO PD\_16 grant"* – principal investigator (Title: **Investigation of the cannabinoid signaling in atopic dermatitis**; ID: PD 121360)
- 2013-2014. *"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)

### **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** (MTMT ID: 10034478; ORCID: 0000-0003-4122-5639; [Web of Science](#); [Scopus](#); [Google scholar link](#))

<https://scientometrics.org/?mtmtid=10034478> rank (Medical Sciences): D1 (Total score: 105%)

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