PERSONAL INFORMATION

Erika Lisztes

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Date of birth 6. April 1986.

WORK EXPERIENCE

2020 – research fellow
Department of Physiology, Faculty of Medicine, University of Debrecen

2017 – 2020 assistant research fellow
Department of Physiology, Faculty of Medicine, University of Debrecen

2012 – 2015 project manager
MTA-Lendület Research Group, Department of Physiology, Faculty of Medicine, University of Debrecen

2012 – 2015 assistant research fellow
Department of Physiology, Faculty of Medicine, University of Debrecen

2009 – 2012 junior scientist
Abiol Ltd., Debrecen

EDUCATION AND TRAINING

2020 Ph.D. degree
University of Debrecen, Doctoral School of Molecular Medicine, Physiology, neurobiology doctoral program

2014 – 2015 Certificate Program in Healthcare Management
Faculty of Public Health, University of Debrecen

2009 – 2012 Part-time Ph.D. student
University of Debrecen, Doctoral School of Molecular Medicine, Physiology, neurobiology doctoral program

2004 – 2009 MSc in Molecular biology
University of Debrecen, specializing in biomedical science

2000 – 2004 Graduation
Neumann János High School, Eger, Hungary
specialization: biology-chemistry

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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	B2	B2	B2	B2	B2

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

Communication skills Highly effective communicator with proven experience in delivering international scientific presentations, leading a research work group, and educating medical, dental, and pharmacy students.

Organizational / management skills Demonstrated organizational and leadership abilities through successfully managing multiple competitive research grants

Job-related skills Advanced expertise in biomedical research focusing on cellular signaling, skin regeneration, and extracellular matrix remodeling, with extensive practical experience in human and canine dermal fibroblast culturing and molecular biology techniques.

Computer skills Microsoft Office, GraphPad Prism

EDUCATIONAL ACTIVITIES

Teaching experience Medical Physiology for general medicine and dentistry students (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 practices in Hungarian and in English).

Basic Medicine Course seminars in English

Tutoring activity Tutoring of 7 diploma students

3 lectures presented at the local conference of Students' Research Society (3 of them attained first and 1 attained Special Awards)

1 lectures presented at the national conference of Students' Research Society (1 attained first place)

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PUBLIC ACTIVITIES

Awards

2025 Travel Grant, 54th Annual ESDR Meeting (Antwerp, Belgium)

2019 György Romhányi Foundation Award (Sümeg, Hungary)

2018 György Romhányi Foundation Award (Sümeg, Hungary)

2012 Travel grant,16th meeting of the Europian Hair Research Society (2012 Barcelona, Spain)

SCIENTIFIC ACTIVITIES

Research interests

My primary research focuses on understanding the complex cellular signaling pathways and extracellular matrix remodeling processes involved in skin regeneration. Using both human and canine dermal fibroblast cultures, I investigate the molecular mechanisms of tissue repair, with a special emphasis on pro-inflammatory cytokine release. Furthermore, I am highly interested in exploring Transient Receptor Potential (TRP) channels, along with novel antidiabetic drugs, as potential therapeutic targets to modulate these inflammatory and fibrotic responses.

Memberships

Hungarian Dermatological Society (HDS) since 2019

European Society for Dermatological Research (ESDR) since 2019

Hungarian Physiological Society (HPS) since 2019

Hungarian Academy of Sciences

Membership in the Hungarian Young Academy since 2026

Member of the Public Body of the Hungarian Academy of Sciences since 2024

Research grants, scholarships

Awardee of the University Research Fellowship Program (Postdoctoral Category) (EKÖP-26-4-II-DE-214)

NRDIO STARTING_25 grant – principal investigator (ID: 152216) 2026-2029

János Bolyai Research Scholarship of the Hungarian Academy of Sciences" (ID: BO/00347/25) 2025-2028

Awardee of the Hungarian Academy of Sciences Support Grant for Researchers Raising Children (73/2/2025/KP)

Awardee of the University Research Fellowship Program (Postdoctoral Category) (EKÖP-24-4-II-DE-19)

NRDIO PD_20 grant – principal investigator (ID: 134791) 2020-2025

Publications

"Tudóstér": https://tudoster.unideb.hu/hu/szerzok/1304

MTMT: 10035949

ORCID: 0000-0002-8517-6536

Number of *in extenso* publications: **29**

Cumulative IF: **148.946**

Citations (Google Scholar): **536**

h-index (Google Scholar): **12**

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