

PERSONAL INFORMATION

Mónika Gönczi Szentandrásyné

 H-4032 Debrecen Nagyerdei krt. 98. (Hungary)

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Date of birth 14. June 1974.



WORK EXPERIENCE

2020 - Present **assistant professor**

University of Debrecen, Faculty of Medicine, Department of Physiology

2018 – 2019 **research associate**

University of Debrecen, Faculty of Medicine, Department of Physiology

2015 – 2018 **research associate**

MTA-DE Momentum Laboratory of Protein Dynamics, University of Debrecen, Faculty of Medicine, Department of Biochemistry and Molecular Biology

2005 – 2008 **OTKA postdoctoral fellow**

University of Debrecen, Faculty of Medicine, Department of Physiology

2003 – 2005 **postdoctoral fellow**

Faculty of Life Sciences, University of Manchester, UK

2002 – 2003 **junior research associate**

University of Debrecen, Faculty of Medicine, Department of Physiology

EDUCATION AND TRAINING

1999 – 2003 **PhD**

Doctoral School of Molecular Medicine, University of Debrecen, Debrecen, Hungary
Regulation of intracellular calcium concentration and transmembrane ionic currents in HaCaT keratinocytes.

1993 – 1999 **MSc in biology (molecular biologist and teacher of biology)**

Kossuth Lajos University, Debrecen, Hungary

1988 – 1992 **Graduate**

Esze Tamás High School, Mátészalka, Hungary

PERSONAL SKILLS

Mother tongue(s) Hungarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	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](http://europa.europa.eu/education/languages/framework/index_en.htm)

Communication skills	I have excellent communication skills both verbally and in writing. I am happy to participate in the education of students and the training of future researchers.
Organizational / management skills	I have used my leadership skills in practice so far in the form of topic management of academic students and professional workers, and currently I also participate in the topic management and tutoring of PhD students .
Job-related skills	I am characterized by excellent problem-solving skills. With my many years of experience, I try to solve my tasks as efficiently as possible, I do my work with responsibility and dedication.
Computer skills	Microsoft Office, OriginPro

EDUCATIONAL ACTIVITIES

Teaching experience	<p>Medical physiology practices for students of general medicine and dentistry in Hungarian and English since 2005.</p> <p>Human physiology practices for pharmacy students in Hungarian and English since 1997, seminars in Hungarian and English since 2015.</p> <p>Cell physiology practices for molecular biologist since 1993, seminars since 2005.</p> <p>Cell physiology lectures for molecular biologist and OLKDA students in Hungarian and English since 2018.</p> <p>Human physiology seminars for physiotherapy students between 2002-2003.</p> <p>Molecular biology and biochemistry seminars and practices for students of general medicine and dentistry in Hungarian and English between 2016-2018.</p> <p>Biology seminars for BMC students in English since 2005.</p> <p>Lectures in credit courses in Hungarian and in English since 2020.</p>
Study trips	<p>Balaton Limnological Research Institute, Tihany, Hungary 1995.</p> <p>Department of Physiology, Claude Bernard University, Lyon, France 2000.</p>
Doctoral education	<p>Tutor of the Molecular Medicine Doctoral School at UD from 2018.</p> <p>https://doktori.hu/index.php?menuid=192&lang=HU&sz_ID=27647</p>

PUBLIC ACTIVITIES

Awards	<p>OTKA postdoctoral Fellowship 2005–2008.</p> <p>Young Investigator Prize of the Hungarian Physiological Society 2007.</p> <p>Bolyai János Research Fellowship 2014-2017.</p>
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SCIENTIFIC ACTIVITIES

Research interests	Optical detection of intracellular calcium concentration changes, investigation of calcium homeostasis in excitable and non-excitable cells. Examination of the role of the cytoskeleton in muscle-derived cell lines and striated muscle .
Research groups	<p>Member of the ELKH-UD Cell physiology research group from 2022.</p> <p>Member of the UD Physiology Department, Calcium homeostasis research group from 2005.</p>
Memberships	<p>Member of the British Physiological Society from 2004.</p> <p>Member of the Hungarian Physiological Society from 2003.</p>

Research publications <https://scholar.google.hu/citations?user=WMeZisAAAAAJ&hl=hu&oi=ao>