




PERSONAL INFORMATION

Beatrix Dienes

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 dienes.beatrix@med.unideb.hu
 Date of birth 11 July 1972



WORK EXPERIENCE

- 2019 - present** **senior research associate**
 University of Debrecen, Faculty of Medicine, Department of Physiology
- 2005-2019** **research associate**
 University of Debrecen, Faculty of Medicine, Department of Physiology
- 2001-2003** **project coordinator**
 Nokia, Tampere, Finland
- 2000-2001** **research associate**
 MTA.ATOMKI, Debrecen, Hungary
- Other** 2003-2005, and 2007-2009 maternity leave

EDUCATION AND TRAINING

- 2001** **PhD**
 University of Debrecen, in Physics (summa cum laude)
- 1996-2000** **PhD student**
 University of Debrecen, Faculty of Sciences, Dept. of Experimental Physics
 CERN, Geneva, Switzerland
- 1996** **MSc in Mathematics and Physics (teacher)**
 University of Debrecen, Faculty of Sciences
- 1995** **DEA in Nuclear Physics**
 Louis Pasteur University of Strasbourg, France

PERSONAL SKILLS

Mother tongue Hungarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C2	C2	C2
French	C1	C2	C1	C1	C1

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 both verbally and in writing.
 I establish and maintain collaborations with domestic and foreign research groups, organize and conduct meetings.

Organizational / management skills I pride myself with sense of responsibility, opinion-forming skills, organizational skills, consensus-oriented cooperation and decision-making, problem-solving skills, team spirit, loyalty, conflict management skills, active monitoring, planning skills, team skills, balanced self-confidence, positive self-awareness, coordination skills.

Job-related skills I am characterized by excellent problem-solving skills and result orientatation.
 I have many years of experience, which I gained in a responsible and challenging environment.

Computer skills Microsoft Office™, Sigma Plot, GraphPad Prism

EDUCATIONAL ACTIVITIES

Teaching experience Medical physiology for general medicine and dentistry students – practical since 2007 in Hungarian and English
 Neurobiology lectures for general medicine and dentistry students –lecture and practical since 2017 in Hungarian and English
 Neurobiology lectures for pharmacy student since 2014 in Hungarian and English
 Neurobiology seminars for pharmacy student since 201 in Hungarian and English
 Human physiology lectures for pharmacy students since 2016 in Hungarian and English
 Human physiology seminars for pharmacy students since 2016 in Hungarian and English

Visiting professorship Visiting scientist Claude Bernard University in 2007 and 2009

PUBLIC ACTIVITIES

Awards 2023 Hungarian Academy of Sciences: Youth International Conference Scientific Application
 2019 Short research visit to Siena, Italy (prof. Dr. Vincenzo Sorrentino) - Italian Cultural Institute Budapest
 2018 Hungarian Physiological Society young investigator award
 2014 European Young Physiologist Symposium award (Budapest, Hungary)
 2013 FEPS-IUPS travel award (Birmingham, UK)

Doctoral education Member of the Molecular Medicine Doctoral School at UD.

SCIENTIFIC ACTIVITIES

Research interests Electromechanical coupling of striated muscles.
 Optical detection of intracellular calcium concentration changes, investigation of calcium homeostasis in excitable cells.
 Functional investigation of ion channels during muscle activity using electrophysiological methods and confocal microscopy.
 The role of the mechanosensitive ion channels (Piezo) in skeletal muscle function.

Effect of microgravity on muscle function.
The role of mitochondria in muscle diseases; antioxidants.

Memberships Hungarian Physiological Association since 2007.
American Biophysical Society since 2011.

Research publications https://scholar.google.com/citations?hl=hu&user=FrcYbWYAAAAJ&view_op=list_works&sortby=pubdate
MTMT ID: 10018612
ORCID: 0000-0002-3110-0296