


## PERSONAL INFORMATION

**László József Csernoch**

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**Date of birth** 29. August 1961.



## WORK EXPERIENCE

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- 2019 - Present **program director**  
University of Debrecen, Space research program
- 2013 – Present **vice rector for scientific affairs**  
University of Debrecen
- 2007-2013 **dean**  
Faculty of Medicine, University of Debrecen
- 2005 – Present **chairman, professor**  
University of Debrecen, Faculty of Medicine, Department of Physiology
- 2004-2007 **vice dean for general affairs**  
Faculty of Medicine, University of Debrecen
- 1998 – 2005 **associate professor**  
University of Debrecen, Faculty of Medicine, Department of Physiology
- 1994 – 1998 **assistant professor**  
Medical University of Debrecen, Department of Physiology
- 1992 – 1994 **research associate**  
Medical University of Debrecen, Department of Physiology
- 1990 – 1992 **postdoctoral fellow**  
Department of Biological Chemistry, University of Maryland, Baltimore, MD, USA
- 1985 – 1990 **junior research associate**  
Medical University of Debrecen, Department of Physiology

## EDUCATION AND TRAINING

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- 2001 **Doctor of Sciences**  
Hungarian Academy of Science, Budapest, Hungary  
Regulation of calcium release from sarcoplasmic reticulum in skeletal muscle
- 1990 **Candidate of Sciences**  
Hungarian Academy of Science, Budapest, Hungary  
The connection of charge movement and contractile activity in skeletal muscle.

1980 – 1985 **MSc in physics**  
Kossuth Lajos University, Debrecen, Hungary

1976 – 1980 **Graduate**  
Földes Ferenc High School, Miskolc, Hungary  
mathematical course

#### PERSONAL SKILLS

Mother tongue(s) Hungarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Russian	A1	A1	A1	A1	A1

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 regularly give TV and radio interviews.

Organizational / management skills I use my leadership skills in practice in a job that requires decisive and responsible decisions at local and national level.

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

Computer skills Microsoft Office, Microsoft Visual Basic

#### EDUCATIONAL ACTIVITIES

Teaching experience Human physiology for pharmacy students since 1997.  
Cell physiology for molecular biology students since 1993.  
Medical physiology for students of general medicine and dentistry. Practices and seminars 1988, lectures since 1992 in Hungarian and English.

Visiting professorship Honorary professor at Jiangsu University (Jiangsu, China) since 2019.  
Visiting professor at the Institute of Biology at the University of Queensland (Brisbane, Australia) in 2011.  
Visiting professor at Robert Wood Johnson Medical School (Piscataway, NJ, USA), Department of Physiology and Biophysics in 2005.  
Visiting professor at Rush Medical University (Chicago, IL, USA), Institute of Molecular Biophysics and Physiology in 2002.  
Visiting professor at the Physiology Institute of the Claude Bernard University of Lyon in 1998 and 1999.

Doctoral education Leader of the Molecular Medicine Doctoral School at UD from 2005.  
[https://doktori.hu/index.php?menuid=192&lang=EN&sz\\_ID=588](https://doktori.hu/index.php?menuid=192&lang=EN&sz_ID=588)

#### PUBLIC ACTIVITIES

Selected institutional responsibilities President of the Doctoral and Habilitation Council of UD from 2013.  
President of the Talent Management Council of UD from 2013.

President of the UD Scientific Council from 2013.  
 Vice Rector of Scientific Affairs at UD from 2013.  
 Member of the Quality Assurance Committee of UD 2010-2013.  
 President of the Sports Committee of UD 2010-2013.  
 Dean of the UD Faculty of Medicine 2004-2013.  
 Member, president of the Student Feed-back Committee of the UD Faculty of Medicine 2004-2007.  
 Member of the Quality Assurance Committee of the UD Faculty of Medicine 2003-2007.  
 President of the Committee for Students with Disabilities of the UD Faculty of Medicine 2003-2007.  
 Vice Dean of General Affairs of the Faculty of Medicine at UD 2001-2004.  
 Member of the Faculty Council, at UD Faculty of Medicine from 2001.

<b>National offices</b>	Member of OTKA Jury 2006-2008 and since 2021. Member of NKFIH Cooperative Doctoral Collegium 2019-2023. Member of the Hungarian Doctoral Council since 2013 President 2014-2022 Member of the Talent Management Committee of the Hungarian Rectors Conference since 2014. Member of the Biological section of the Hungarian National Accreditation Committee 2002-2004.
<b>Awards</b>	Széchenyi Professor award 2002-2005. Széchenyi Professor award 1998–2001.
<b>Decorations</b>	Knight of Cross from the Order of Merit of the Hungarian Republic 2014. Teacher of the Year, UD Faculty of Medicine 2008, 2012, 2016, 2017, 2022. “For the Hungarian Higher Education” plaque 2008. Excellent teacher of the UD Faculty of Medicine 2004.

## SCIENTIFIC ACTIVITIES

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<b>Research interests</b>	Electro-mechanical coupling of striated muscles. Optical detection of intracellular calcium concentration changes, investigation of calcium homeostasis in excitable and non-excitabile cells.
<b>Research groups</b>	Leader of the HUN-REN-UD Cell physiology research group from 2022. Leader of the UD-SPACE physiology research group from 2019. Leader of the UD Physiology Department, Calcium homeostasis research group from 1998.
<b>Memberships</b>	Member of the Executive Committee, Federation of European Physiological Societies, from 2023 Member of the Council (leader of the Commission I – Locomotion), International Union of Physiological Societies, from 2022. Member of the Board of the General Assembly, International Union of Physiological Societies, 2018-2022. Member of the Hungarian Sports Science Society from 2015. Member of the Hungarian Biophysical Society from 2010. Member of the British Physiological Society from 2006. Member of the American Biophysical Society from 1990. Member of the Hungarian Physiological Society from 1988. secretary general 2010-2014. president 2014-2018.
<b>Hungarian Academy of Sciences</b>	Member of The Presidium of HAS elected by the General Assembly since 2022. Elected member of the Section of Medical Sciences of HAS since 2022.

President of the Working Group on Cellular and Molecular Physiology of the Debrecen Regional Committee of HAS since 2005.  
Member of the Public Body of HAS since 1994.

**Editorial board memberships** PlosOne  
Frontiers in Physiology  
Physiology International

**Research publications** <https://scholar.google.hu/citations?user=GjXqJCwAAAAJ&hl=hu>