

PERSONAL INFORMATION

**Péter Sándor Szentesi**



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**Date of birth** 14 April, 1967.

WORK EXPERIENCE

- 2015 – Present **senior research associate**  
University of Debrecen (UD), Faculty of Medicine, Department of Physiology
- 2004 – 2015 **research associate**  
University of Debrecen, Faculty of Medicine, Department of Physiology
- 2002 – 2004 **postdoc**  
University of Bern, Department of Physiology, Switzerland
- 1996 – 2002 **junior lecturer**  
Medical University of Debrecen, Department of Physiology
- 1993 – 1996 **research associate**  
Hungarian Academy of Science Research Unit, Medical University of Debrecen, Department of Physiology
- 1990 – 1993 **junior research associate**  
Medical University of Debrecen, Department of Physiology

EDUCATION AND TRAINING

- 1998 **Ph.D. physiology**  
Medical University of Debrecen, Debrecen, Hungary  
The role of sarcoplasmic reticulum in the regulation of contractile system in skeletal muscle.
- 1985 – 1990 **MSc in math, teacher of math**  
Kossuth Lajos University, Debrecen, Hungary
- 1981 – 1985 **Graduate**  
Tokaji Ferenc High School, Tokaj, Hungary  
mathematical course

PERSONAL SKILLS

**Mother tongue(s)** Hungarian

**Other language(s)**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	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 good communication skills both verbally and in writing

**Organizational / managerial skills** I regularly organize professional and leisure activities at my workplace .

**Job-related skills** I am characterized by excellent problem-solving and manual skills. I have many years of experience, which I gained in an always changing environment.

**Computer skills** Microsoft OS, Microsoft Office, hardware and software management

#### EDUCATIONAL ACTIVITIES

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**Teaching experience** Human physiology for pharmacy and MSc students since 2004 in Hungarian and English.  
Computer science lectures and practices for molecular biology students 1994-2002.  
Medical physiology for students of general medicine and dentistry. Practices since 1991 in Hungarian and English.

**Doctoral education** Member of the Molecular Medicine Doctoral School at UD from 2005.  
[https://doktori.hu/index.php?menuid=192&lang=EN&sz\\_ID=1039](https://doktori.hu/index.php?menuid=192&lang=EN&sz_ID=1039)

#### KÖZÉLETI TEVÉKENYSÉGEK

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**Awards** Bolyai award 1998–2001

#### SCIENTIFIC ACTIVITY

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**Research interests** Electro-mechanical coupling of striated muscles. Optical detection of intracellular calcium concentration changes, investigation of calcium homeostasis in excitable and non-excitabile cells. Muscle energetics.

**Research groups** Member of the UD Physiology Department, Calcium homeostasis research group from 1990.

**Memberships** Member of the European Muscle Society from 1995.  
Member of the Hungarian Physiological Society from 1995.

**Hungarian Academy of Science** Member of the Public Body of HAS from 1998.

**Research publications** <https://scholar.google.hu/citations?user=8F3DAkMAAAAJ&hl=en&oi=ao>