

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

- 2026 **Doctor of Hungarian Academy of Sciences, Biological Sciences**
University of Debrecen, Debrecen, Hungary
The morphology of elementary calcium release events in physiological and pathological conditions in skeletal muscle.
- 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 Excellent problem-solving and manual skills characterize me. 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

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

KÖZÉLETI TEVÉKENYSÉGEK

Awards Bolyai award 1998–2001

SCIENTIFIC ACTIVITY

Research interests Electro-mechanical coupling of striated muscles. Optical detection of intracellular calcium concentration changes, investigation of calcium homeostasis in excitable and non-excitable 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>