

PERSONAL INFORMATION

Zoltán Singlár

 H-4032 Debrecen Nagyerdei körút 98. (Hungary)

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Date of birth 06 February 1994.

EDUCATION AND TRAINING

2019-2023 PhD Student

Faculty of General Medicine, Doctoral School of Molecular Medicine, Physiology-Neurobiology

2017 - 2019 MSc in Biotechnology

University of Debrecen, Faculty of Natural Sciences and Technology, Biotechnology major, Medical biotechnology submajor

1980 – 1985 BSc in Biology

University of Debrecen, Faculty of Natural Sciences and Technology, Biology major, Genetics-Plant Biology-Biotechnology submajor

2009 - 2014 Graduate

Pásztörvölgy Primary School and High School

PERSONAL SKILLS

Mother tongue(s) Hungarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	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 regularly deal with international students.

Job-related skills I do my work with diligence and perseverance, during which I strive to solve problems in the most efficient way.

Computer skills Microsoft Office, Graphpad Prism, Grafiti LLC SigmaPlot, Matlab

EDUCATIONAL ACTIVITIES

Teaching experience Medical physiology for students of general medicine. Practices since 2020 in Hungarian and English.

Biology seminars for students enrolled in Basic Medical Course since 2025 in English.

PUBLIC ACTIVITIES

- Awards** New National Excellence Program Doctoral Scholarship 2021-2022.
New National Excellence Program Doctoral Scholarship 2022-2023.

SCIENTIFIC ACTIVITIES

- Research interests** Electro-mechanical coupling of striated muscles. Optical detection of intracellular calcium concentration changes. Investigation of the role of carotenoids as biological mediators in striated skeletal muscle function. Role of the endocannabinoid system in skeletal muscle calcium homeostasis, muscle dystrophies.

- Research groups** PhD student of the UD Physiology Department, Calcium homeostasis research group from 2019 till 2023, then research assistant in same institute since 2023

- Memberships** Member of the Hungarian Physiological Society from 2022.

- Research publications** <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10071494>