Name

- Research Assistant
- Department of Kinesiology
- Year of birth: 1990

Qualifications, academic degrees

University degrees

- P.E. Teacher and Track and Field Coach (Ba) Semmelweis University Faculty of Physical Education and Sport Science – 2012
- P.E. and Adaptive P.E. Teacher (Ma) University of Physical Education – 2015

Academic degrees and titles

- PhD degree

Professional career

Previous and current jobs, positions and titles

- 1 Research Assistant at Hungarian University of Sport Science 2020–
- Post-Doc at Ningbo University 2022–

Language skills

language	speaking skills	writing skills	reading skills	do you do media appearance?
English	Advanced	Advanced	Advanced	no

Research, expert activities

Major subjects and topics taught

- Biomechanics

Field and discipline

- Biomechanics

Hungarian University of Sports Science

Hungarian University of Sports Science

Current research topics

- 1
- Effect of gear ratio on running biomechanics
- DTI MRI based 3D muscle fascicle reconstruction
- Connection between mechanical efficiency and muscle to tendon ratio
- Knee joint dependent muscle activity of the plantarflexor muscles
- Influence of Achilles tendon moment arm length and muscle architecture on hopping performance
- Finite element analysis

Former research topics

- Plantarflexor muscle characteristics association with running performance
- Effect of Achilles tendon moment arm length on running economy

Key research

- Effect of gear ratio on running biomechanics
- DTI based 3D muscle fascicle reconstruction

Publications

- My publications in MTMT (Catalogue of Hungarian Scientific Works) (https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10060081)

Contacts

University residence

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Other professional profiles

- LinkedIn:
- MTMT: https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10060081
- Scholar: https://scholar.google.com/citations?user=_WMn5CMAAAAJ&hl=hu
- Other(s):