



Imola Rajmon



PhD student
Institute of Biophysics
Biological Research Centre Szeged

SCIENTIFIC DEGREES

- 2024-** Ph.D student, University of Szeged, Doctoral School of Biology
- 2024.** M.Sc, Eötvös Loránd University Budapest, physics
- 2022.** B.Sc, Eötvös Loránd University Budapest, physics

PUBLICATION PARAMETERS

In extenso publications:	1
Cumulative IF:	-
Citations:	5
Book chapters:	-
University lecture notes:	-
Hirsch index:	1

RESEARCH INTERESTS

Cell adhesion studies, optical biosensors, fluidic force microscopy, glikokalix , injection into single cells

NOTABLE NATIONAL RESEARCH GRANTS

- 2021.** ÚNKP New National Excellence Program of the Ministry for Innovation and Technology from the source of the National Research, Development and Innovation Fund
- 2022.** ÚNKP New National Excellence Program of the Ministry for Innovation and Technology from the source of the National Research, Development and Innovation Fund
- 2023.** ÚNKP New National Excellence Program of the Ministry for Innovation and Technology from the source of the National Research, Development and Innovation Fund
- 2024.** Richter Talantum Excellence Prize

AWARDS AND DECORATIONS

- 2021.** Physics TDK Statistical-Medical and Biophysics section 1st prize
- 2023.** Physics TDK Theoretical and Biophysics section 1st prize
- 2023.** OTDK Physics, Geosciences and Mathematics section participation
- 2023.** Physics TDK Statistical-Classical and Biophysics section 3rd prize

EDUCATIONAL ACTIVITIES

B.Sc. consulent: 1 student

LANGUAGE EXAMS

- 2023.** English, C1, advanced level
- 2017.** German, C1, advanced level

MISCELLANEOUS ACTIVITIES

2022. Regional Biophysics Conference: Measuring the effect of the enzymatically digested glycocalyx with a label-free optical biosensor and FluidFM (Poster)

2023. Magyar Biofizikai Társaság XXIX. Kongresszusa: Single-cell adhesion measurements using fluidic force microscopy (Poster)

2024. 53. Membrán-Transzport Konferencia: A fluidikai erőmikroszkóp főbb alkalmazásai (Poszter)

2024. 26th International Symposium on "Signal Transduction at the Blood-Brain Barriers: FluidFM and resonant waveguide grating optical biosensors as valuable tools in blood-brain barrier research (Poster)

2024. FluidFM Conference: Calibration methods for FluidFM and adhesion measurements of human vascular endothelial cells, FluidFM Konferencia, (Poster)

2025. Magyar Biofizikai Társaság XXX. Kongresszusa: Modulation and measurement of endothelial and epithelial barrier integrity by FluidFM (Poster)



62. Temesvári krt.
Szeged, Hungary
6726



+36 308692342



rajmon.imola@brc.hu