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:	3
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 Talentum 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)

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