

CURRICULUM VITAE

(updated: 08/09/2023)

PERSONAL DATA

Name: **Ágnes Ábrahám**
Highest scientific degree: M.Sc. (Physics)
Current position: junior research fellow

SCIENTIFIC PROGRESS

2016 M.Sc. (physicist, University of Szeged)

SCIENTIFIC VISITS AND WORKPLACES

2023- junior research fellow, Institute of Biophysics, BRC, Szeged
2016-2022 PhD student, Institute of Biophysics, BRC, Szeged

HONORS, AWARDS

2018 New National Excellence Program

MEMBERSHIPS

2017- Hungarian Biophysical Society

SCIENTOMETRIC PARAMETERS

Number of *in extenso* publication in periodicals: 5
Number of foreign/total citations: 21/24
Hirsch index: 2

SELECTED PUBLICATIONS

1. Nagy, K., Ábrahám, A., Keymer, JE., Galajda, P. (2018). Application of Microfluidics in Experimental Ecology: The Importance of Being Spatial. **FRONTIERS IN MICROBIOLOGY** 9 p. 496
2. Nagy, K., Ábrahám, A., Keymer, JE., Galajda, P. (2022). Emergence of Resistant *Escherichia coli* Mutants in Microfluidic On-Chip Antibiotic Gradients. **FRONTIERS IN MICROBIOLOGY** 13 p. 819
3. Széles, E., Nagy, K., Ábrahám, Á., Kovács, S., Podmaniczki, A., Nagy, V., Kovács, L., Galajda, P., Tóth, Z.Sz. (2022). Microfluidic Platforms Designed for Morphological and Photosynthetic Investigations of *Chlamydomonas reinhardtii* on a Single-Cell Level. **CELLS** 11 p. 285
4. Bashir, F., Kovács, S., Ábrahám, Á., Nagy, K., Ayaydin, F., Valkony-Kelemen, I., Ferenc, Gy., Galajda, P., Tóth, Z. Sz., Sass, L., Kós, B. P., Vass, I., Szabó, M. (2022). Viable

protoplast formation of the coral endosymbiont alga *Symbiodinium* spp. in a microfluidics platform. **LAB ON A CHIP** 22 p. 2986-2999

5. Wetherington, M., Nagy, K., Dér, L., Ábrahám, Á., Noorlag, J., Galajda, P., Keymer J. E. (2022). Ecological succession and the competition-colonization trade-off in microbial communities. **BMC BIOLOGY** 20 p. 1-14