

CURRICULUM VITAE

(updated: 08/09/2023)

PERSONAL DATA

Name: **László Dér**
Highest scientific degree: MSc (Engineering Information Technology)
Current position: Administrator expert

SCIENTIFIC PROGRESS

2017 MSc (Engineering Information Technology, University of Szeged)

SCIENTIFIC VISITS AND WORKPLACES

2017- Administrator expert, Institute of Biophysics, BRC, Szeged

SCIENTOMETRIC PARAMETERS

Number of *in extenso* publication in periodicals: 5
Number of *in extenso* publication as book chapters: 0
Number of foreign/total citations: 8/16
Hirsch index: 1

SELECTED PUBLICATIONS

1. Mostafa, Hamdy I.A. ; Tóth-Boconádi, Rudolf ; Dér, László ; Fábrián, László ; Taneva, Stefka G. ; Dér, András ; Keszthelyi, Lajos
Nonlinear electric response of the diffuse double layer to an abrupt charge displacement inside a biological membrane
BIOELECTROCHEMISTRY 146 Paper: 108138 , 6 p. (2022)
2. Nagy, Krisztina ; Dukic, Barbara ; Hodula, Orsolya ; Abraham, Agnes ; Csakvari, Eszter ; Der, Laszlo ; Wetherington, Miles T. ; Noorlag, Janneke ; Keymer, Juan E. ; Galajda, Peter ☒
Emergence of Resistant Escherichia coli Mutants in Microfluidic On-Chip Antibiotic Gradients
FRONTIERS IN MICROBIOLOGY 13 Paper: 820738 , 12 p. (2022)
3. Wetherington, Miles T. ; Nagy, Krisztina ; Dér, László ; Ábrahám, Ágnes ; Noorlag, Janneke ; Galajda, Peter ; Keymer, Juan E.
Ecological succession and the competition-colonization trade-off in microbial communities
BMC BIOLOGY 20 : 1 Paper: 262 (2022)
4. Wetherington, Miles T. ; Nagy, Krisztina ; Der, Laszlo ; Noorlag, Janneke ; Galajda, Peter ; Keymer, Juan E.
Variance in Landscape Connectivity Shifts Microbial Population Scaling
FRONTIERS IN MICROBIOLOGY 13 Paper: 831790 , 7 p. (2022)

5. Kincses, András ; Santa-Maria, Ana R ; Walter, Fruzsina R ; Dér, László ; Horányi, Nóra ; Lipka, Dóra V ; Valkai, Sándor ; Deli, Mária A ; Dér, András

A chip device to determine surface charge properties of confluent cell monolayers by measuring streaming potential.

LAB ON A CHIP 20 : 20 pp. 3792-3805. , 14 p. (2020)