

ANNAMARIA KINCSES

BIOLOGIST

Personal data

Birthdate: 09. 08. 1990

Nationality: Hungarian

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Employment history

- June 2023 - Research Fellow at University of Szeged Faculty of Pharmacy, Institute of Pharmacognosy
- April 2022-April 2023 Lab Technician at GA Pet Food Partners, Bretherton, United Kingdom
- September 2018-August 2020 Assistant Research Fellow at University of Szeged Faculty of Medicine, Department of Medical Microbiology and Immunobiology

Education

- 2020 Ph.D. degree in the field of Theoretical Medicine, Interdisciplinary Doctoral School, Experimental chemotherapy, Department of Medical Microbiology and Immunobiology, Faculty of Medicine, University of Szeged, Hungary
- 2015 Biology MSc, University of Szeged, Faculty of Sciences and Informatics; speciality: molecular-, immune- and microbiology, Hungary
- 2013 Biology BSc, University of Szeged, Faculty of Sciences and Informatics, Hungary

Language skills

- English (TELC, B2)
- German (basic language skills)

Computer skills

- MS office (Word, Excel, Power Point)
- Scientific softwares (GraphPad, Calculusyn)

Scholarships, grants, training

- 2020 Nation's Young Talent Scholarship (Program of the Ministry of Human Capacities)
- 2019 Rudjer Boskovic Institute, Zagreb, Croatia, European Cooperation in Science & Technology, Short-Term Scientific Mission (COST Action CA17104; 18-31 March)

- 2018 New National Excellence Grant (Program of the Ministry of Human Capacities; 5 months)
- 2018 University of Birmingham, Birmingham, UK, Campus mundi Student Mobility, Short Study (02-23 April)
- 2017 New National Excellence Grant (Program of the Ministry of Human Capacities; 10 months)
- 2016 ESCMID Postgraduate Technical Workshop: Medical biofilm techniques. Technical University of Denmark, Copenhagen, Denmark (22-25 August)

Projects

- 2019-2020 Hungarian-Portuguese S&T Bilateral Cooperation; Title: Plant- derived compounds as anticancer agents: a promising approach for overcoming multidrug resistance; Role: researcher
- 2018-2020 GINOP-2.3.2-15-2016-00038 project; Title: Intelligent metal complexes; Role: researcher

Selected publications (ORCID ID: <https://orcid.org/0000-0002-1591-1419>)

- 2023 Rácz B, Kincses A, Laczi K, Rákhely G, Domínguez-Álvarez E, Spengler G. Reversal of multidrug resistance by symmetrical selenoesters in colon adenocarcinoma cells. *Pharmaceutics*. **15**:610.
- 2022 Żesławska E, Tejchman W, Kincses A, Spengler G, *et al*: 5-Arylidenerhodanines as P-gp modulators: an interesting effect of the carboxyl group on ABCB1 function in multidrug-resistant cancer cells. *Int J Mol Sci*. **23**:10812.
- 2021 Kincses A, Rácz B, Baaity Z, *et al*: The relationship between antibiotic susceptibility and pH in the case of uropathogenic bacteria. *Antibiotics*. **10**:1431.
- 2020 Nové M, Kincses A, Molnár J, *et al*: The role of efflux pumps and environmental pH in bacterial multidrug resistance. *In Vivo*. **34**:65-71.
- 2019 Mouwakeh A, Kincses A, Nové M, *et al*: *Nigella sativa* essential oil and its bioactive compounds as resistance modifiers against *Staphylococcus aureus*. *Phytother Res*. **33**:1010-1018.
- 2018 Kincses A, Varga B, Csonka A, *et al*: Bioactive compounds from the African medicinal plant *Cleistochlamys kirkii* as resistance modifiers in bacteria. *Phytother Res*. **32**:1039-1046.
- 2017 Spengler G, Kincses A, Gajdács M, Amaral L: New roads leading to old destinations: efflux pumps as targets to reverse multidrug resistance in bacteria. *Molecules*. **22**:468.
- 2016 Kincses A, Szabó ÁM, Saijo R, *et al*: Fluorinated beta-diketo phosphorus ylides are novel efflux pump inhibitors in bacteria. *In Vivo*. **30**:813-817.