



Dr. Anett Kuczmog

OPERATIONS MANAGER

INTERESTS

Investigation of in vitro signaling processes in response to virus infection
Examination of the effectiveness and mechanism of action of antiviral agents in vitro
OTDK, thesis supervision
Theoretical and practical teaching of biochemistry, molecular biology

LANGUAGE

English



German



CONTACT



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EXPERIENCE

University of Pécs, National Laboratory of Virology

2022-
operations manager

University of Pécs, Faculty of Sciences, Department of Genetics and Molecular Biology

2010-
university teaching assistant, university assistant professor

University of Pécs, Faculty of Sciences, Department of Plant Physiology

2009-2010
university teaching assistant

EDUCATION

University of Pécs, Doctoral School of Biology

2006-2009
Doctoral training, PhD degree (2012)
Agrobacterium resistance mapping in grapes

University of Pécs, Faculty of Sciences

2001-2006
Certified biologist
Diploma thesis topic: Characterization of RAPD markers associated with powdery mildew and downy mildew resistance

PUBLICATIONS

ORCID: [0000-0002-5680-4951](https://orcid.org/0000-0002-5680-4951)

Konrat, R., Papp, H., Kimpel, J., Rössler, A., Szijártó, V., Nagy, G., ... Nagy, E. (2022). The Anti-Histamine Azelastine, Identified by Computational Drug Repurposing, Inhibits Infection by Major Variants of SARS-CoV-2 in Cell Cultures and Reconstituted Human Nasal Tissue. *FRONTIERS IN PHARMACOLOGY*, 13. <http://doi.org/10.3389/fphar.2022.861295>

Chuang, S-T., Papp, H., Kuczmog, A., Eells, R., Capcha, J.M.C., ... Buchwald, P., (2022). Methylene Blue Is a Nonspecific Protein-Protein Interaction Inhibitor with Potential for Repurposing as an Antiviral for COVID-19. *PHARMACEUTICALS*, 15(5):621. <http://doi.org/10.3390/ph15050621>

Barsi, Sz., Papp, H., Valdeolivas, A., Tóth, D.J., Kuczmog, A., Madai, M., ... Szalai, B., (2022). Computational drug repurposing against SARS-CoV-2 reveals plasma membrane cholesterol depletion as key factor of antiviral drug activity. *PLOS COMPUT BIOL*. 18(4):E1010021. <http://doi.org/10.1371/journal.pcbi.1010021>