



Curriculum Vitae

Personal information **Margaréta Fogelová**

Work experience

1. Employer: Central Tissue Bank at the Department of Burns and Reconstructive Surgery at University Hospital
 - Start date: 092008
 - End date: 062009
 - Position: laboratory assistant
 - Activities: Laboratory work with patient_derived cell cultures.
 - Country: Slovakia
2. Employer: AVIR Green Hills Biotechnology
 - Start date: 082011
 - End date: 082011
 - Position: Laboratory Research Assistant
 - Activities: The work in the laboratory included methods such as ELISA, TCID50, immunofluorescence assay, sample preparation, test execution, analysis and interpretation of results and summary report.
 - Country: Austria
3. Employer: Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences
 - Start date: 092015
 - End date: 122021
 - Position: Research and Development Scientist
 - Activities: Creative activity in the field of science, including work in science laboratory, evaluation of data obtained from experiments, writing publications and projects.
 - Country: Slovakia
4. Employer: State Institute of Drug Control
 - Start date: 012022
 - End date:
 - Position: Clinical trial assessor
 - Activities: Clinical and non_clinical assessment.
 - Country: Slovakia

Education and training

1. Subject: Faculty of Natural Sciences, Comenius University in Bratislava
 - Start date: 092005
 - End date: 062009
 - Qualification: Bachelor
 - Organisation: Thesis: Xenotransplantation and porcine endogenous retroviruses. Education in virology and work included basic virology methods.
 - Country: Slovakia
2. Subject: Faculty of Natural Sciences, Comenius University in Bratislava and Institute of Virology BMC SAS
 - Start date: 092009
 - End date: 062011
 - Qualification: Master
 - Organisation: Thesis: Immune response against HA and PB1 proteins induced by DNA immunization is protecting mice against influenza A infection. The study was focused on influenza virus research, including immunology, molecular biology, preparation and purification of monoclonal antibodies.
 - Country: Slovakia
3. Subject: Faculty of Natural Sciences, Pavol Josef Šafárik University in Košice
 - Start date: 092012
 - End date: 062014
 - Qualification: Doctor of Natural Sciences
 - Organisation: Thesis: Effect of changes in selected proteins of Influenza A virus on their immunological properties.
 - Country: Slovakia
4. Subject: Faculty of Natural Sciences, Comenius University in Bratislava and Institute of Virology BMC SAS
 - Start date: 092011
 - End date: 082015
 - Qualification: Doctor of Philosophy
 - Organisation: Thesis: Immune response against HA and PB1 protein induced by DNA immunization is protecting mice against influenza infection.
 - Country: Slovakia

Additional information

Publications

Košik I, Krejnusová I, Práznovská M, Poláková K, Russ G. A DNA vaccine expressing PB1 protein of influenza A virus protects mice against virus infection. Arch Virol. 2012 May;157(5):811-7. doi: 10.1007/s00705-012-1238-6.

Košik I, Krejnusová I, Práznovská M, Russ G. The multifaceted effect of PB1-F2 specific antibodies on influenza A virus infection. Virology. 2013 Dec;447(1-2):1-8. doi: 10.1016/j.virol.2013.08.022. Epub 2013 Sep 13.

Košík I, Práznovská M, Košíková M, Bobišová Z, Hollý J, Varečková E, Kostolanský F, Russ G. The ubiquitination of the influenza A virus PB1-F2 protein is crucial for its biological function. *PLoS One*. 2015 Apr 13;10(4):e0118477. doi: 10.1371/journal.pone.0118477. eCollection 2015.

Hollý J, Fogelová M, Jakubcová L, Tomčíková K, Vozárová M, Varečková E, Kostolanský F. Comparison of infectious influenza A virus quantification methods employing immuno-staining. *J Virol Methods*. 2017 Sep;247:107-113. doi: 10.1016/j.jviromet.2017.06.004. Epub 2017 Jun 10.

Jakubcová L, Vozárová M, Hollý J, Tomčíková K, Fogelová M, Polčicová K, Kostolanský F, Fodor E, Varečková E. Biological properties of influenza A virus mutants with amino acid substitutions in the HA2 glycoprotein of the HA1/HA2 interaction region. *J Gen Virol*. 2019 Sep;100(9):1282-1292. doi: 10.1099/jgv.0.001305.

Hollý J, Tomčíková K, Vozárová M, Fogelová M, Jakubcová L, Varečková E, Kostolanský F. DNA vaccine targeting the ectodomain of influenza M2 protein to endolysosome pathway enhances anti-M2e protective antibody response in mice. *Acta Virol*. 2021;65(2):181-191. doi: 10.4149/av_2021_207.

Projects

Memberships

Member of the Board of the Experts for Biosafety: Activities resulting from membership in the Board of Experts at the Commission on Biosafety, consist mainly in the elaboration of expert opinion as a basis for the preparation of recommendations of the Commission for Biosafety on applications and notifications pursuant to Act no. 151/2002 Coll. on the use of genetic technologies and genetically modified organisms, as amended. (May 2018- present)

Member of HSC Technical Working Group on EU DCC issued to COVID_19 clinical trial participants. (August 2022-February 2023)

Other Relevant Information