

Mgr. Ing. Lenka Reizigová, Ph.D., MPH – works as an assistant professor for the Department of Laboratory Investigation Methods in Healthcare, where she actively participates in the pedagogical and professional training of students in the field of microbiology, hygiene and epidemiology. She also performs professional activities as the head of the Department of Molecular Biology and the National Reference Center for Prevention and Control of Nosocomial Infections at the Regional Public Health Office based in Trenčín.

In her pedagogical activities, she provides lectures and practical exercises on the subjects of Basics of Hygiene, Environmental Microbiology, Microbiology (with a focus on bacteriology), Investigation Methods in Microbiology, Clinical Microbiology and Epidemiology. In the scientific and research field, she has long been dedicated to the analysis of antibiotic resistance of environmental bacterial strains isolated from the hospital environment, as well as the study of epidemiologically significant isolates of *Clostridioides difficile* at the national level, including cultivation methods, susceptibility testing, ribotyping and whole genome sequencing (WGS) analyses.

Her laboratory activities focus on the implementation and validation of modern molecular biological methods in advanced diagnostics of nosocomial infections, with the aim of increasing the quality of epidemiological surveillance and the effectiveness of preventive measures in healthcare facilities. She is an active member of the Czechoslovak Society of Microbiology and a member of the Council for Internal Evaluation of the Quality of Higher Education at the University of Trnava in Trnava.

Born: 1989

Ph.D.: 2016

Publications:

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5. A SARS-CoV-2 mutant from B.1.258 lineage with Δ H69/ Δ V70 deletion in the Spike protein circulating in Central Europe in the fall 2020. Broňa Brejová B., · Boršová K., Hodorová V., Čabanová V., **Reizigová L.**, Evan D. Paul, Čekan P. , Klempa B., Nosek J., Vinař T. Virus Genes 2021 August 17, <https://doi.org/10.1007/s11262-021-01866-5>
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