
Lucia Bírošová: Expert in antimicrobial resistance and food safety, Institute of Food Science and Nutrition (STU)

„My current work is not only about doing research. I am also interested in improving the research environment. Recently I have therefore become a team leader of a Working Group for Gender Equality at STU. Our main goal is to increase the awareness about the gender equality in research, improve the working conditions at STU and promote the research done by women employees.“



Foto: private

Lucia Bírošová
Institute of Food Science and Nutrition (STU)
Position: Associate Professor

I am a researcher and Associate Professor at the Faculty of Chemical and Food Technology of the Slovak University of Technology in Bratislava (STU). My current position is a Head of the Department of Nutrition and Food Quality Assessment at the Institute of Food Science and Technology. I have had more than 15 years of experience in microbiology and my research is aimed at bacterial resistance in the environment, food, and society. My research team is focusing on studying an environmental impact on the development of antimicrobial resistance in bacteria. Along with other experts, we also try to find out efficient technologies and compounds to fight against this worldwide phenomenon.

I am an academic researcher, but I collaborate with partners beyond academia on the regular basis. For more than 15 years, I have been cooperating with the Ministry of Agriculture and Rural Development of Slovak Republic in issues of a microbial risk assessment in food chain. I regularly provide them with data about zoonotic antibiotic

resistant bacteria occurrence in the environment and food chain obtained in our research, too. They approached me based on the results of my PhD research and its presentation at different conferences and in scientific journals. I would like to add, that good collaboration we have with the Ministry is also possible thanks to our PhD graduates working there - thanks to their analytical and critical thinking often in leading positions.

Following my expertise and PhD graduation I have been nominated and accepted to the Emerging Risk Exchange Network of the European Food Safety Authority (EFSA) based in Parma, Italy. Since 2016, I have been participating in the identification of emerging issues and risks to food safety. This position provided me with many interesting insights not only in the field of microbiology. Besides expert knowledge in life sciences, I find especially the communication skills and analytical thinking necessary in this kind of work.