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Organisation	Water Research Institute
Function within organization	Head of Microbiology lab
Role in DINAMICS	WP6 deputy leader
Expertise <sup>1</sup>	Microbiology, Leader of national projects, participant of international projects
Career/ Experience	Water Research Institute, 2003 up to date Institute for molecular biology SAS (2001 – 2002) Institute for microbiology SAS, Bratislava (1994 - 2000) Food microbiology control in market chain Zdroj (1980 – 1994)
Languages <sup>2</sup>	English, Russian
Personal stuff <sup>3</sup> (optional)	Tourisms, culture

## PUBLICATION LIST

### Journal papers

VRBANOVA, A., AUGUSTIN, J., **PROKŠOVÁ, M.**, GREGOROVÁ, D., SLÁDEKOVÁ, D., TÓTH, D.: Bacterial degradation of dialkyl sulfosuccinates. XV. Biochemický zjazd Olomouc, 1996 Česká republika, Chemické listy 90, 722

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HARICHOVÁ J., **PROKŠOVÁ M.**, AUGUSTIN J., TÓTH D.: Biodegradation of dialkyl sulphosuccinate esters by streptomycetes. Biologia, 55, 2000, 675-682

**PROKŠOVÁ M.**, HARICHOVÁ J., SLÁDEKOVÁ D., FERIANC P., TÓTH D.: Occurrence of the groups of faecal indicators and of facultative anaerobic gramnegative rods within bacterial assemblages of the Danube and the Morava river waters. Biologia., 57, 2002, 333-341

FERIANC P., HARICHOVÁ J., **PROKŠOVÁ M.**, KREPSOVÁ K., CHOVANOVÁ K, TÓTH D.: The surface river water and clinical *Escherichia coli* isolates: characteristics, diversity and epidemiological significance. Biologia., 57, 2002, 319-332

**PROKŠOVÁ M.**, MOGOŇOVÁ E., FERIANC P., HARICHOVÁ J.: The occurrence of *Salmonella* spp. in natural environment confirmed by biochemical and molecular methods. Biologia, 2002, 57 (6): 797-803

CHOVANOVÁ K., SLÁDEKOVÁ D., KMEŤ V., **PROKŠOVÁ M.**, HARICHOVÁ J., PUŠKÁROVÁ A., POLEK B., FERIANC P.: Identification and characterization of eight cadmium resistant bacterial isolates from a cadmium-contaminated sewage sludge. Biologia, Bratislava, 2004 59 (6): 817—827

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culturable Gram-negative bacterial community structures in the rhizosphere of three fruit plants. In: *Biológia*, 2006, vol. 61 (6), s. 663-670

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VRBANOVÁ A., PROKŠOVÁ M., TÓTH D., AUGUSTÍN J.: Kinetics of microbial degradation of anionic surfactants with two hydrophobic centers in the molecule. 7th European Congress on Biotechnology, Nice 1995, France. Vol. 2, 105

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PROKŠOVÁ, M.: **Detection of** *Pseudomonas aeruginosa* in samples of mineral and ground water. In: Microbiology of water and environment 2005. Conference proceeding. Kralupy nad Vltavou, 19.-21. 10 2005, p. 57-58.

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PROKŠOVÁ, M.: **Confirmation of presence of *Salmonella* spp. in water by PCR.** In: Waterworks biology 2006. Conference Proceedings, 31.1.-2.2.2006. Praha, p. 156-160.

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**CÍCHOVÁ, M. - VELICKÁ, Z. - PROKŠOVÁ, M.:** Testing of simple methods of isolation of DNA for nanosystems. In: Microbiology of water and environment 2008. Conference Proceeding, Luhačovice, 17.-19 9 2008. Praha, p. 72-77

**VELICKÁ, Z. - CÍCHOVÁ, M. - PROKŠOVÁ, M.:** Comparison of efficiency lysing methods of oocysts *Cryptosporidium* sp. for hybridisation In: Microbiology of water and environment 2008. Conference Proceeding, Luhačovice, 17.-19 9 2008. Praha, p. 78-83

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**CÍCHOVÁ, M. - PROKŠOVÁ, M. - VELICKÁ, Z. - TÓTHOVÁ, L.:** Rapid extraction methods of microbial DNA from Water for on line identification systems. In: 15th Health Related Water Microbiology Symposium. Greece, Naxos Conference Center, 31.05.2009-05.06.2009. Greece, Naxos: IWA Publishing, 2009. p. 192.

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