



Ph.D. thesis topics 2021/2022 – 2nd call

DSP Ochrana vodních ekosystémů / Protection of Aquatic Ecosystems

Ing. Bc. Kateřina Grabicová, Ph.D. – grabicova@frov.jcu.cz, +420 38777 4752

- Polar micropollutants and aquatic organisms – a study of fate and effects with application of targeted and non-targeted LC/HRMS analysis

prof. Ing. Tomáš Randák, Ph.D. – trandak@frov.jcu.cz, +420 38777 4603

- Ecological consequences of the presence of psychoactive substances in the aquatic environment

doc. Ing. Hana Kocour Kroupová, Ph.D. – kroupova@frov.jcu.cz, + 420 38 777 4621

- Toxicity of nitrogenous compounds to aquatic organisms

doc. Mgr. Roman Grabic, Ph.D. – rgrabic@frov.jcu.cz, + 420 38 777 4756

- Development of LC/HRMS methods and data analysis workflows for identification of compounds with adverse effects in sample fractions selected by Effect Directed Analysis (EDA)

doc. RNDr. Andrea Vojs Staňová, Ph.D. – vojsstanova@frov.jcu.cz, + 420 38 777 4752

- Advanced MS methods for identification, quantification and assessment of emerging pollutants in water

Mgr. Jiří Jablonský, Ph.D. – jjablonsky00@frov.jcu.cz, +420 38777 3828

- Multi-omics integration deciphering the metabolic regulation of cyanobacteria

M.Sc. Ganna Fedorova, Ph.D. – gfedorova@frov.jcu.cz, +420 38777 4752

- Pharmaceuticals in reclaimed water: possibilities, benefits and risks of wastewater reuse