

Blue Circle Society – Who we are ...



Ivan Senta, Dr

Rudjer Boskovic Institute, Croatia

Current status: Research Associate

Field of expertise: Occurrence and fate of emerging organic contaminants

Key publication: “Removal of antimicrobials using advanced wastewater treatment”,
J. Hazard. Mater. 192 (2011) 319-328.

Keywords: Analytical Chemistry; Biogeochemistry; Emerging contaminants



Marta Tacão, PhD

University of Aveiro, Portugal

Current status: Researcher

Field of expertise: Phylogenetic and functional diversity of isolates and/or complex microbial communities; Antibiotic resistance

Key publication OR project: Antibiotic resistance in natural and human-impacted environments: environmental and public health implications; Keywords: Antibiotic resistance mechanisms; Environmental resistome and mobilome



Vasiliki Beretsou, M.Sc.

Nireas-International Water Research Center, University of Cyprus

Current status: Ph.D. student

Field of expertise: environmental analytical chemistry, wastewater treatment technology

Key publication: V. G. Beretsou, A. K. Psoma, P. Gago-Ferrero, R. Aalizadeh, K. Fenner, N. S. Thomaidis “Identification of biotransformation products of citalopram formed in activated sludge”, *Water Research*, 103, 2016, 205-214

Key project: Antibiotics and mobile resistance elements in wastewater reuse applications: risks and innovative solutions (H2020-MSCA-ITN-2015/675530-ANSWER)

Keywords: transformation products, high-resolution mass spectrometry, effect-based bioassays, advanced oxidation processes



Luisa Pastrana-Martinez, Dr

Faculty of Engineering, University of Porto (FEUP), Portugal

Current status: Researcher

Field of expertise: Adsorption and Advanced oxidation technologies for water treatment and energy

Key publication OR project: “Photocatalytic behaviour of nanocarbon-TiO₂ composites and immobilization into hollow fibres” *Applied Catalysis B: Environmental* 142-143, 2013, 101–111

Keywords: wastewater; emerging pollutants; multifunctional photocatalytic materials