

Blue Circle Society – Member presentation



Damiano Cacace, MSc

Dresden University of Technology

Current status: PhD Student

Field of expertise: Antibiotic resistance in wastewater and its spread in the environment

Keywords: antibiotic resistance, environmental microbiology, molecular biology



Muhammad Riaz, Dr

Government College University Faisalabad – Pakistan

Current status: Assistant Professor – Environmental Sciences

Field of expertise: Use of wastewater in agro-ecosystems

Key publication OR project: Impact of textile effluent on plant growth, nitrification and urease activity in soil

Keywords: Antibiotic resistance bacteria; Wastewater in agroecosystems; Biogeochemistry; Nutrient cycling agroecosystems



Ivone Vaz-Moreira, Dr

Centro de Biotecnologia e Química Fina, Escola Superior de Biotecnologia, Universidade Católica Portuguesa, Porto, Portugal

Current status: Post-doctoral researcher

Field of expertise: Water bacterial diversity; Antimicrobial resistance; Taxonomy

Key publication OR project: Vaz-Moreira, I., Nunes, O. C., Manaia, C. M. (2014) Bacterial diversity and antibiotic resistance in water habitats: searching the links with the human microbiome. FEMS Microbiology Reviews 38(4), 761-778.

Keywords: Microbiology; Molecular Biology; Drinking water; Antibiotic resistance;



Fabio Polesel, PhD

Technical University of Denmark

Current status: Postdoctoral fellow

Field of expertise: Fate of emerging organic contaminants in wastewater and environmental systems, process modelling

Key publication OR project: Polesel, F., Plósz, B.G., Trapp, S. (2015). From consumption to harvest: Environmental fate prediction of excreted ionizable trace organic chemicals. Water Res. 84, 85–98

Keywords: Pharmaceutical residues; Biological wastewater treatment; Agricultural resource reuse: Fate modelling