

Blue Circle Society – Who we are ...



Lubertus Bijlsma, PhD

University Jaume I, Spain

Current status: Researcher

Field of expertise: Analytical chemistry

Key publication: “Mass spectrometric strategies for the investigation of biomarkers of illicit drug use in wastewater”, *Mass Spectrometry Reviews*, 2016, DOI 10.1002/mas.21525

Keywords: Mass spectrometry, wastewater-based epidemiology, transformation/degradation products, emerging contaminants



Pawel Krzeminski, Dr. Eng.

Norwegian Institute for Water Research (NIVA), Norway

Current status: Research Scientist

Field of expertise: water & wastewater treatment, membrane processes

Key publication OR project: ‘Occurrence of UV filters, fragrances and organophosphate flame retardants in municipal WWTP effluents and their removal during membrane post-treatment’, *Journal of Hazardous Materials* 323, 2017, 166-175

Keywords: wastewater treatment, membrane separation, MBRs, CEC removal



Iakovos C. Iakovides, M.Sc.

Nireas-International Water Research Center, University of Cyprus

Current status: Ph.D. student

Field of expertise: Industrial, Agro-Industrial and Urban wastewater treatment, Advanced Oxidation Processes, Antibiotic resistance

Key publication: Iakovides, I. C., Pantziaros, A. G., Zagklis, D. P., & Paraskeva, C. A. (2016). Effect of electrolytes/polyelectrolytes on the removal of solids and organics from olive mill wastewater. *Journal of Chemical Technology and Biotechnology*, 91(1), 204-211.

Key project: Membrane bioreactor followed by light-driven oxidation for the minimization of antibiotics, antibiotic-resistant bacteria and antibiotic resistance genes from urban WW intended for reuse (H2020-MSCA-ITN-2015/675530-ANSWER)

Keywords: Wastewater treatment, advanced oxidation processes, antibiotic resistance



Susana Araújo, M.Sc.

University of Aveiro, Portugal

Current status: Ph.D. student

Field of expertise: Antimicrobial resistance in microbial strains and/or complex communities and dissemination of genetic determinants

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