

Antimicrobial Resistance: Meeting the Challenge
Antimicrobial Resistance in Wastewater – 24 November 2017

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08:30	Registration
09:00	Wastewater treatment: Sex, drugs and water quality <i>Rachel Gomes, University of Nottingham, UK</i>
09:30	Occurrence and removal of antibiotics through biological wastewater treatment <i>Benedek G. Plósz, University of Bath, UK</i>
10:00	Evaluation of conventional and alternative (fungal) treatment of hospital and urban wastewater in the removal of antibiotics and antibiotic resistance genes <i>Sara Rodríguez-Mozaz, Catalan Institute for Water Research, Universitat de Girona, Spain</i>
10:30	Refreshments
11:00	Urban wastewater treatment plants as hot spots for release of antibiotic resistances to the aquatic environment <i>Thomas Berendonk, Technische Universität Dresden, Germany</i>
11:30	Spread of antibiotic residues and resistance genes into the aquatic environment <i>Andrew Singer, NERC Centre for Ecology & Hydrology, UK</i>
12:00	Cross-habitat mobility of antibiotic resistance genes <i>William Gaze, European Centre for Environment and Human Health, University of Exeter Medical School, UK</i>
12:30	Lunch
13:30	Environmental side effects of antibiotics <i>Alistair Boxall, University of York, UK</i>
14:00	Biodegradation of antibiotics: Structure-activity relationship studies for primary elimination through mineralisation <i>Nicholas Gathergood, ERA Chair of Green Chemistry, Tallinn University of Technology, Estonia</i>
14:30	Refreshments
15:00	Transparency through the production chain <i>Jerker Fick, Umeå University, Sweden</i>
15:30	Managing the environmental risks of antibiotic use and manufacture <i>Jason Snape, AstraZeneca, UK</i>
16:00	Panel Discussion