

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

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