



Online PROMISE Seminar 2025 on Transmission of Antimicrobial Resistance (AMR) at the Interface of Reservoirs within the One Health Framework

Date: May 15, 2025

Time: 10:00–17:00 (Paris Time, CET)

Format: Fully Online via Microsoft Teams

Registration: [Register here!](#)

Registration is required to receive your access link.

Seminar Program:

10:00 - 10:10 Opening Remarks

Session 1: Environmental Interface

10:10 - 10:40 - Dr. Dominique Patureau (*Laboratory of Environmental Biotechnology, INRAE*)
“Antimicrobial resistance (AMR) dissemination in soils treated with sludge or irrigated with treated wastewater (TWW)”

10:40 - 11:10 - Dr. Christophe Dagot (*University of Limoges, INSERM*) “Navigating environmental complexity and antimicrobial resistance (AMR) within the One Health concept”

11:10 - 11:20 ☕ *Coffee Break (10 min)*

11:20 - 11:50 - Dr. Dirk Schmeller (*CNRS, CRBE Toulouse*) “Antibiotic resistance in urban streams, urban lakes and mountain waterbodies”

11:50 - 12:20 - Dr. Edward Topp (*ANR/INSERM, INRAE*) “Can modeling resolve intractable questions regarding AMR at the micro- and macroscales?”

12:20 - 13:30 🍷🍎🕒 *Lunch Break (1h10)*

Session 2: Human Interface

13:30 - 14:00 - Dr. Didier Hocquet (*University of Marie et Louis Pasteur (UMR CNRS 6249 Chrono-Environnement) and Besançon University Hospital (Infection Control Unit)*). “Whole-genome sequencing-based studies to trace the transmission of AMR from environmental sources to humans”

14:00 - 14:30 - Dr. Laurence Armand-Lefèvre (*INSERM, University Paris Cité, Bichat Claude-Bernard University Hospital*) "Circulation of multidrug-resistant Enterobacterales in Low- and Middle-Income Countries (LMICs) within a "One Health" context"

Session 3: Animal Interface

14:30 - 15:00 - Dr. Jean-Yves Madec (*ANSES*) "Animal-human transmission of antimicrobial resistance (AMR): what do we know?"

15:10 - 15:20 ☕ *Coffee Break (10 min)*

15:20 - 15:50 - Dr. Subhasish Basak (*ANSES*). "Quantitative Risk Assessment Model to Estimate Human Exposure to ESBL E. coli from Poultry Production via Foodborne, Occupational, and Environmental Pathways"

15:50 - 16:20 - Dr. Marisa Haenni (*ANSES*). "Dissemination of antimicrobial resistance (AMR) in wild birds"

16:20 - 16:50 - Dr. Benoit Doublet (*INRAE*). "Mobile genetic elements as trackers of AMR dissemination: Improving precise identification of transmission routes"

16:50 - 17:00 Closing Remarks

Scientific committee:

Gabriel Birgand (*Inserm*)
Claire Chauvin (*Anses*)
Lucie Collineau (*Anses*)
Christophe Dagot (*Université de Limoges*)
Aleksandra Kovacevic (*Institut Pasteur*)
Yohan Lacotte (*Université de Limoges*)
Benoit Lange (*Inria*)
Jean-Yves Madec (*Anses*)
Lulla Opatowski (*UVSQ/Inserm/Institut Pasteur*)
Marie Cécile Ploy (*Université de Limoges*)
Thibault Stalder (*Inserm*)

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Organized by:

