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Beyond the Usual Suspects: Long-Read Sequencing Reveals Hidden Hosts of Antimicrobial Resistance in Wastewater

Antimicrobial resistance (AMR) has been described as the silent pandemic and presents a profound global threat to both animal and human health. Although the consequences are mostly seen in clinics, the environment plays a crucial role in the emergence and dissemination of both novel and known AMR determinants. Not only are resistant bacteria transmitted via the environment, but the enormous genetic variation found there forms an immense source for novel, or latent, resistance genes to arise.

While antimicrobials and antimicrobial resistance are ancient phenomena, anthropogenic mass production and use have driven the current resistance crisis.



Thursday
October 1, 2026



U1 building
room 10



4.30 pm
to 5.30 pm

Host:
Antonia Bruno



The certificates of attendance for the seminar are also valid for the acquisition of CFU credits
For information, please visit the seminar's webpage

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