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# Workshop on Plasmids as Vehicles of Antimicrobial Resistance Spread | (smr 3761)

## Thursday 24 March 2022

### notitle - Online (15:00-19:15)

time	title	presenter
15:00	Role of Plasmids and Other Mobile Genetic Elements in the Broad-scale Propagation of Amino-glycoside Resistances	STEPHANIE BEDHOMME, CEFE/CNRS, FRANCE
15:20	Antibiotic Resistance on Multicopy Plasmids	MARIO SANTER
15:35	Discussion	
16:00	Break	
16:10	Experimental Evolution of Highly Conjugative Plasmids and their Effects on AMR Spread	TATIANA DIMITRIU
16:30	Chicken Gut Microbiome Members Limit the Spread of an Antimicrobial Resistance Plasmid in Escherichia Coli	SARAH DUXBURY
16:45	The Rise of a Megaplasmid Family Driving Dissemination of Multidrug Resistance in Pseudomonas	ADRIAN CAZARES LOPEZ
17:00	Discussion	
17:25	Break	
17:35	Population Size Mediates the Contribution of High-rate and Large-Benefit Mutations to the Evolution of Drug Resistance	JOACHIM KRUG
17:55	Understanding the Impact of Host Contact Dynamics on Pathogen Diversity	CHIARA POLETTTO
18:15	A Meta Population Model Preserves the Genomic Diversity in Presence of Gene Sweeps	MARCO COSENTINO LAGOMARSINO
18:35	Detecting Patterns of Coevolution of Gene Gains and Loss in Bacterial Species Using Data from Thousands of Bacterial Genomes	ROHAN MEHTA
18:50	Discussion	