

Présentation orale ou poster ?	Oral
Langue de la présentation	English
Titre de la présentation (limité à 150 caractères, espaces compris)	Systematic review of solutions to control antibiotic resistance in the environment
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Abstract (limité à 150 mots)	The heavy usage of antibiotics in human and animal health has led to the emergence of resistance. Antibiotic residues, antibiotic-resistant bacteria and genes are largely introduced into the environment via anthropogenic activities. This contributes to the enrichment of the resistome of various ecosystems and this increases the risk of being infected by pathogens that challenge the efficacy of antibiotics. The French Ministry for the Ecological and Inclusive Transition commissioned a systematic review to find effective solutions to control antibiotic resistance in the environment. Multiple stakeholders from governmental agencies, research institutes, nongovernmental organizations, businesses and consultancies are informed and consulted by the project manager. Bibliographic searches were made in eleven publication databases as well as in specialist databases. 16,087 articles were screened, leading to the inclusion of 118 articles relating to the reduction of antibiotic use, 518 to the waste management and 710 to the environmental management. We will present advancement of the systematic map and critical appraisal stages.
Aide souhaitée pour une traduction simultanée Français/Anglais (présentations orales uniquement)	No