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I am the founder and director of the Antimicrobial Resistance Research Centre, based at Maynooth University. I have coordinated the generation of a gap analysis report on research in AMR for the Irish National Action Plan on AMR committee. I am one of only a few people worldwide that has investigated antimicrobial resistance (AMR) across the three areas of One Health: human, animal, and environment. I have created the collaborative networks and experiments to enable me and subsequently others within bacteriology to investigate AMR from many angles. Plasmid mediated AMR has been a constant thread running through my research from PhD to current projects as understanding the mobile AMR mechanisms across biomes is a major area of my research. The papers that I have published reflect this spectrum of research adaptability and interests. I have investigated AMR in human pathogens, soil, plant, animal, and environmental biomes. This unusual career path has enabled me to identify the gaps in our knowledge and research, understanding the constant flow of AMR genes across biomes. My research has influenced EU policy under the water framework directive in the inclusion of specific antimicrobials in the watch list and my position as a unique researcher and leader in the niche area of AMR mobility across biomes has been recognised by invitations to speak at international leading conferences and membership of policy influencing committees.