Tiny Test Tubes to Tackle Antimicrobial Resistance in Dairy Farming in India

Summary
Even though we identified that there was a need of a rapid test to determine antibiotic sensitivity in mastitis pathogens, it was not clear which end-user the test should be designed for so that adoptability of the test and subsequent impact could be maximised. A team of academics and industry partners relied on human-centered design approach to design and develop a product tailored for the most appropriate end-users.

Key findings
- Veterinarians appeared as the most appropriate end-users
- Identified existing challenges to developing and adopting the test

Key outcomes
- A prototype of the test/minimum viable product
- Identified new industry partners
- Will apply for further funding involving the extended team

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Partha Ray (Animal Sciences; p.p.ray@reading.ac.uk)
Alexander Edwards (CFT; alexander.edwards@capfilmtech.com)
Anne Odling-Smee (Design Science)
Bappaditya Dey (NIAB, India)
Paresh Sharma (NIAB, India)