

Reducing a major disease threat to the dairy sector & tackling AMR in South Asia: a multidisciplinary collaboration between UoR and NIAB

Summary

Antimicrobial resistance has made it more challenging to treat mastitis, which already causes a big dent in the economy of Indian dairy sector. However, the understanding of unmet need in tackling AMR was not clear. We aimed to build a network of researchers and stakeholders in India to identify the unmet need and propose a potential approach to meeting the need.



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Key findings

Identified a major unmet need: lack of a tool to determine antibiotic sensitivity in mastitis pathogens before treating cattle with antibiotics

Key outcomes

- Established a network of Indian researchers and stakeholders
- Trained a researcher from India
- Applied for further funding using the preliminary data and involving partners from the research network

Where?



Project partners



राष्ट्रीय पशु जैव प्रौद्योगिकी संस्थान
 National Institute of Animal Biotechnology
(An Autonomous Institute of the Department of Biotechnology, Ministry of Science & Technology, Govt. of India)

Project funder



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