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C-CAMP - ICARS One Health AMR Challenge 2025 identifies and awards seven innovations

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Reflects Indiaâ??s growing leadership in AMR mitigation



Bengaluru-based Centre for Cellular and Molecular Platforms (C-CAMP), with support from the International Centre for Antimicrobial Resistance Solutions (ICARS), has announced seven awards for the inaugural edition of the C-CAMP One Health AMR Challenge 2025, tackling Antimicrobial Resistance (AMR) across human, animal, and environmental health.

This initiative is part of the larger India AMR Innovation Hub programme at C-CAMP that has been officially declared as the Innovation Arm of India's National Action Plan 2.0 NAP 2.0 on AMR, which includes One Health as one of the country's focus areas in its AMR combat and prevention strategy.

The selected applicants will be awarded by C-CAMP in India with support of ICARS through grant funding; technical, business, regulatory and Intellectual Property (IP) support; and deployment facilitation in India and other low- and middle-income countries (LMICs).

The winners are:

Human Health

1. Bigtec Labs - A multiplexed, reverse transcription (RT)-PCR diagnostic solution that addresses antibiotic resistance in lower respiratory tract infections
2. Muse Diagnostics - TreBle Respire: AI-driven screening platform for early detection of respiratory infections and antimicrobial stewardship.
3. GenePath Diagnostics - Affordable, comprehensive, modular, semi-quantitative respiratory pathogens and AMR detection panel for open PCR platforms
4. Achira Labs - Development and validation of a papid point-of-care test to distinguish bacterial from viral infections in humans: A Strategy to optimize antimicrobial stewardship

Environment

5. FNDR - Depletion of antimicrobials and other active pharmaceutical ingredients (APIs) from pharmaceutical/chemical manufacturing unit effluents.

Animal Health

6. Ultranutri - Circular solutions for shrimp health: Tackling AMR through insect-based feed
7. Chimertech - Quadmastest & Inline Quadmastest (IQ): Rapid, reagent-free early mastitis detection to prevent unwarranted antibiotic use and curb AMR in dairy health