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C-CAMP with support from ICARS launches One Health AMR Challenge 2025

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To identify and nurture interventions for AMR in One Health domain



Bengaluru-based Centre for Cellular and Molecular Platforms (C-CAMP), with support from the International Centre for Antimicrobial Resistance Solutions (ICARS), has launched the C-CAMP One Health AMR Challenge 2025 to identify, support, and scale breakthrough technologies tackling Antimicrobial Resistance (AMR) across human, animal, and environmental health.

The initiative will support ready-to-deploy AMR solutions over the next two years in alignment with India's National Action Plan 2.0 (NAP 2.0) on AMR. Anchored under the India AMR Innovation Hub (IAIH) at C-CAMP, this call seeks novel technologies, and technological innovations in detection, diagnostics, and prevention of AMR.

Selected innovations will receive financial support ranging from $50,000 to $250,000 (Rs 40 lakh to Rs 2 crore) based on technology readiness. Comprehensive technical assistance including regulatory, legal, IP, manufacturing, and market readiness support. Mentorship and implementation guidance to accelerate translation of these AMR-focused innovations into impactful, scalable products and services.

Applications are open to innovators from India and abroad. Solutions must be AMR-focused with Technology Readiness Levels (TRL) 6-9, as per BIRAC guidelines. Academic or research institution-based applicants may also apply if they demonstrate the ability to validate the technology and present a clear roadmap for scale-up.

This call specifically aims to identify mid to late-stage innovations for support. Up to 12 innovations will be supported for a period of 11 months, with funding commensurate with the project requirements.

Dr Taslimarif Saiyed, Director-CEO, C-CAMP said "Antimicrobial Resistance is a huge threat to society and India is at its epicentre. At C-CAMP we recognise the scale of the problem and have built a strong portfolio of innovations to address AMR especially One Health as a domain crucial to bending the AMR curve. To this effect, we also anchor the India AMR Innovation Hub that is slated to be the innovation arm of the soon-to-be-announced India NAP 2.0."

Prof. Ajay Sood, Principal Scientific Adviser to the Government of India remarked, "The opening of the C-CAMP One Health AMR Challenge will be one of the touch points towards India formally recognising One Health that includes human health, animal and plant health and environment holistically in our combat to tackle the rising AMR burden. Ably supported by the International Centre for Antimicrobial Resistance Solutions (ICARS) the call offers a unique scale up support module that goes beyond funding to identify solutions that address the Indian context. As Chair of India AMR Innovation Hub (IAIH), the innovation arm of India NAP 2.0, I welcome the partnership and look forward to an exciting response from stakeholders."