

IGNITE ACORN-AMR FAST GRANTS 2025 (Round 4)

Ignite Life Science Foundation is pleased to announce a funding opportunity to support innovative research in the field of Antimicrobial resistance (AMR) and innovative treatment strategies. This time, our focus is inclined to “One Health”, an unifying approach that aims to sustainably balance and optimize the health of people, animals and ecosystems. It recognizes that the health of humans, animals, and the wider environment is inherently linked and interdependent. This initiative aims to advance scientific understanding, develop effective treatments, and improve care strategies for **human health, animals, and the environment**.

Antimicrobial resistance (AMR) poses a critical and growing threat, especially in India, where it contributes to nearly a million deaths annually. Globally, AMR is linked to nearly 5 million deaths each year, driven largely by the misuse and overuse of antimicrobials, even as many still lack access to essential treatments. The One Health approach—integrating human, animal, and environmental health—is vital to address the spread of resistant organisms through healthcare, agriculture, food, and the environment. Sustainable solutions require coordinated, cross-sectoral action. Vaccines play a key role in combating AMR by reducing the burden of infections and limiting unnecessary antibiotic use, and have been identified by WHO as a promising long-term strategy. Countries adopting a One Health approach can take a more holistic and systemic course of action to control AMR.

Research proposals addressing the challenges listed above are invited from not-for-profit research institutions (public or private). Preference will be given to collaborative proposals between groups that have divergent expertise.

We prefer to receive proposals that address a central hypothesis related to the underlying problems of AMR, with a research proposal that describes not only the basic mechanisms of the mode of action of vaccines, but also their role as a therapeutic intervention rather than just a prophylactic, with an integration of the One Health approach.

The tenure of the funding request should be two years. We expect the quantum of funding per grant to be around 20 - 50 lakh INR per year.

The last date for submitting the proposal to andrea@ignitelssf.in is 10th June 2025. The awards will be announced around 25th of July 2025

Information on Ignite Life Science Foundation can be obtained at our website: ignitelssf.in

Successful proposals will be announced through our website and via our social media handles.

The subject line of the email to which the proposal is attached should say: [ACORN-AMR Proposal 2025 (Round 4)] Proposal, Your Name, and Institution

The proposal (maximum 10 pages), the name of the proposal file should be PName_InstitutionName_[Grant name]_[Year] (The applicant should hold a full-time position).

The proposal should contain the following sections :

1. A high level SUMMARY of the proposal (150 words or less)
2. Background science in support of this proposal (Ideally ONE page)
3. The central hypothesis or idea (ideally half a page)
4. The experimental design to test your hypothesis/idea; experiments that are definitive in their outcomes and constitute a go/no-go decision point for further work are preferred (ideally ONE page)
5. Possible outcomes and next steps (ONE page)
6. List of References in support of (1) above (ONE page)
7. Six monthly milestones, and funding (with breakup; overheads should not exceed 10%) required to be disbursed in six monthly tranches (ONE page). Please also attach the project budget as a separate excel file with the name: PName_InstitutionName_[Mention grant name]Proposal_[Year]_Budget
8. Name of PI, co-PIs, list of relevant papers published by the PI and Co-PI, address, email ID, and mobile phone numbers.
9. If funding announcements are made in the first week of last week of July, on what date can you commence the work on your proposal.
10. Self-certification that this Proposal does not overlap with any other ongoing funded proposals OR proposals submitted to other agencies for funding. Please do list ALL proposals of a similar nature that are funded in your laboratory as well as proposals of a similar nature submitted by you for funding to other agencies.