

सीएसआईआर - भारतीय रासायनिक जीवविज्ञान संस्थान
 CSIR - Indian Institute of Chemical Biology
 4, राजा एस.सी. मुलिक रोड, कोलकाता 700032
 4, Raja S.C. Mullick Road, Kolkata 700032

The following are the list of CSIR funded projects

| 4. 5. 3 List of completed schemes/ projects/ programs | | | | | | |
|--|---------------------|---|------------------------------|---------------------------|----------------------------------|---|
| Sl. No. | Project Code | Project Title | Dated of commencement | Date of completion | Total Cost (Rs. In Lakhs) | Total Expenditure (Rs. In Lakhs) |
| 1 | FTT070504 | Development of PROTACs for Targeted Protein Degradation via Small Molecule-Protein Engineering: A Promising New Approach for Treating NAFLD/NASH | 01.04.2024 | 31.03.2026 | 147.000 | 122.230 |
| 2 | FBR070304 | SMASH-ACT: Small Molecule mTOR modulation for Adoptive T cell Therapy (ACT) | 01.04.2024 | 31.03.2026 | 69.90 | 60.19 |
| 3 | FBR070305 | Vesicular Transmission of Flavivirus & Its Role in Neurodegeneration | 01.04.2024 | 31.03.2026 | 69.44 | 66.16 |
| 4 | FIR070304 | Mechanistic understanding of tumor suppressor role of human EAF1 in renal cell carcinoma through regulation of selective expression of apoptotic genes. | 01.04.2024 | 31.03.2026 | 99.00 | 91.92 |

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|----|-----------|---|------------|------------|---------|--------|
| 5 | HCP-40 | PAN CSIR CANCER RESEARCH PROGRAM making Cancer care affordable empowering womens health : Focusing on breast and gynaological cancers of Indian Relevance | 29.06.2021 | 31.03.2026 | 1008.10 | 746.12 |
| 6 | HCP 43 | Indian Breast Cancer Genome Atlas | 02.11.2021 | 31.03.2026 | 175.75 | 139.14 |
| 7 | HCP-49 | Innovative processes and technologies for Crop Protection Chemicals (Agromission 2) | 11.04.2023 | 31.03.2026 | 199.19 | 177.33 |
| 8 | HCP 101 | CSIR Jigyasa II virtual laboratory integration project | 27.07.2022 | 31.03.2026 | 86.5 | 63.22 |
| 9 | RDS000001 | Identification of modulators from natural origins that impede β - amyloid induced proteasome inhibition | 01.04.2024 | 31.03.2026 | 50.60 | 45.33 |
| 10 | RDS000002 | Deciphering the crosstalk between hepatic steatosis and Atherosclerosis: Modulating the AEBP1-PPAR γ axis in maintaining cholesterol | 01.04.2024 | 31.03.2026 | 49.40 | 45.66 |

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| | | Homeostasis | | | | |
|----|-----------|---|------------|------------|-------|-------|
| 11 | RDS000003 | Seeding excellence: advancing cellular therapies for key Indian diseases | 01.04.2024 | 31.03.2026 | 60.00 | 59.77 |
| 12 | RDS000004 | Optimizing Guanosine-based Biomaterial Synthesis with Machine Learning for Artificial Skin Generation | 01.04.2024 | 31.03.2026 | 40.00 | 40.00 |

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The following are the list of Externally Funded Projects

1. Extramural completed Projects (2025-2026)

| Sl. No. | PI Name | Project title | Project Code | Approved Cost (Rs. In Lakhs) | Start Date | End Date |
|---------|----------------------|---|--------------|------------------------------|------------|------------|
| 1 | Dr.U. Mabalirajan | Development of genetically engineered 'off-the-shelf' and inducible CAR-T cells for Cancer therapeutics | GAP-448 | 53.97 | 24.06.2022 | 23.06.2025 |
| 2 | Dr. U Mabalirajan | Identification and characterization specific genes/metabolites linked with Rancidity and their Bioavailability Patterns in landraces and elite cultivars of pearl millet for the development of Nutri-Rich products | GAP-451 | 20.98 | 26.08.2022 | 25.08.2025 |
| 3 | Dr. Sujoy Kumar Das | Hemostat : A lifesaving bandage for faster Blood Arrest | GAP-454 | 32.30 | 12.01.2023 | 25.07.2025 |
| 4 | Dr. Sucheta Tripathy | Mycoremediation of Toxic Heterocyclic Organosulfur Compounds : Multi 'Omics' Approach to Unravel the Novel Biodesulfurization pathway(s) in the Filamentous Fungus Arthrinium malaysiamun Grown in Presence of 2-Deoxy Glucose (2DG) : Fabrication of Novel Biosorbent for Translational Research | GAP-461 | 9.15 | 12.12.2022 | 11.12.2025 |
| 5 | Dr. Amit Srivastava | Utilizing the principles of Co-ordination chemistry to develop combination prodrugs and nanotherapeutics with a Synthetic lethality like concept | GAP-462 | 8.37 | 10.02.2023 | 09.02.2026 |
| 6 | Dr. Manish Debnath | Development of chemically modified aptamers for targeting neuronal exosomes | GAP 476 | 27.76 | 19.02.2024 | 18.02.2026 |