

Ongoing External funded Project

1. Evaluation of neuroprotective role of Picrorhiza kurroa (Kutki) on organophosphate pesticides (OPPs) pestered neurodegenerative responses in Alzheimer's disease model study; Dept. of Science & Technology, New Delhi ₹ 50 lakhs 2022-2025 (**Prof. Dhiman as Co-PI**)
2. DST sponsored iTBI-NIDHI: One of the Board of Directors and member of Project implementation group (**Prof. Dhiman as Co-PI**)
3. DST-PURSE: One of the Project investigator (**Prof. Dhiman as Co-PI**)
4. DST-PURSE: Member of Project investigator Group (**Dr Somesh Baranwal**)
5. Mining natural and synthetic compounds for the treatment of respiratory tract infections Diseases Indian Council of Medical Research; ₹ 22 Lakhs 2022-2024 (**Dr Mukesh Yadav as PI**)
6. Exploration of Synthetic phyto-compounds for the treatment of respiratory tract infections UGC, New Delhi ₹ 10 Lakhs 2022-2024 (**Dr Mukesh Yadav as PI**)
7. Mining natural phyto-compounds from medicinal plants and endophytes to mitigate MDR bacteria. ICMR, New Delhi ₹ 39 Lakhs 2022-2025 (**Dr Mukesh Yadav as Co-PI**)
8. Cyanobacteria antimetabolites to combat respiratory infectious bacteria ICMR, New Delhi ₹ 19 Lakhs 2022-2025 (**Dr Mukesh Yadav as Co-PI**)
9. Exploring the role of Yeast Sen1 in transcription of RNA polymerase III Ramalingaswami Fellowship, Department of Biotechnology, New Delhi (**Dr Saurabh Mishra 2021-2026**)

Completed external funded project

1. Synthesis and evaluation of phytochemicals for therapeutic intervention and modulation of Cyclooxygenase 2; Department of Science & Technology, New Delhi ₹ 31 Lakhs 2021-2023 (**Dr Mukesh K Yadav as PI**)
2. Role of Nischarin in the regulation of intestinal apical epithelial junction **DST-SERB funded grant: ₹ 49.5 Lakhs: Dr Somesh Baranwal as PI (2017-2021)**
3. Role of Integrin binding protein, Kindlin in colon cancer progression **DBT Ramalingaswami fellow: ₹ 90 Lakhs: Dr Somesh Baranwal as PI (2015- 2022)**
4. Chemotherapeutic Drug Induced Cardiomyocyte Toxicity: Evaluation of Ethno-Botanical Plants to Minimize the Cardiac damage: **Prof Monisha Dhiman (DST).**
5. Mitochondrial Oxidative DNA Damage-Repair in Alzheimer's disease: AP-endonuclease (APE1/Ref-1) as a Potential Therapeutic Target: **Prof Monisha Dhiman (DST).**
6. Unnat Bharat Abhiyaan: **Prof Monisha Dhiman (MoE)**
7. Identification and characterization of the functional significance of gastric cancer stem cells: **Dr Somesh Baranwal (UGC-FRP) ₹ 10 lakhs**
8. Extensive analysis of Interferons (IFNs) Induced GTPases p-65 guanylate binding proteins Involved in host cell autonomous immunity: **Dr Pramod Kushawaha (DST- INSPIRE) ₹ 35 lakhs**