

Externally Funded Projects: Sanctioned & Ongoing

Project Title	Investigators	Budget	Funding Agency
Lessons for the future: Qualifying and quantifying South Asia's first widespread ciguatera poisoning outbreak	Dr. Indrani Karunasagar	£ 65,000/- (Rs. 55 Lakhs)	NERC
Multiple climate impacts as bottlenecks to the microbiome of the aquatic environment (India-Sweden-UK)		Rs. 40 lakhs	FORMAS
Investigating the driving forces and spread of antibiotic resistance: the case of marine aquaculture in Asia and sub-Saharan Africa (India-Sweden)		3 million SEK (Rs. 222 Lakhs)	SWEDISH RESEARCH COUNCIL
Testing the potential of microalgae-bacteria consortium to manage pathogens in cultured shrimps (India-Sweden-Sri Lanka)		1.2 million SEK (Rs. 89 Lakhs)	SWEDISH RESEARCH COUNCIL
Defence genes of tiger shrimp (<i>Penaeus monodon</i>) with respect to bacteria (<i>Vibrio harveyi</i>) and white spot virus (WSSV) infection		Rs. 12 lakhs	DST-BELSPO
RNases and cancer: decoding the role of poly(A)-specific ribonucleus (PARN) in tumorigenesis	Dr. Anirban Chakraborty	Rs. 35.2 lakhs	DST-SERB
Deciphering the molecular mechanisms involved in hematopoietic perturbation induced by environmental chemical(s) using <i>Drosophila</i> as an animal model	Dr. Anurag Sharma	Rs. 40 lakhs	DST-SERB
Prevalence and Impact of Antibiotic Resistant Bacteria of Non-Human Origin (Associated with Aquaculture and Livestock practices) on Human Health Management	Dr. Indrani Karunasagar	Rs 13 lakhs	ICMR
Human health and Well Being at Risk: Impact scenarios for climate change	Dr. Indrani Karunasagar	Rs 24.47 lakhs	SIDA

induced harmful microbial blooms along the Indian West Coast”			
Pathogens, Public Health, and Food safety: Development of loop-mediated isothermal amplification (LAMP) assays for rapid and sensitive detection of major foodborne pathogens in India.	Dr. Gunimala Chakraborty	Rs. 32.78 lakhs	DST-WOMEN SCIENTIST SCHEME
Attenuation of <i>Pseudomonas aeruginosa</i> virulence by dietary phytochemicals from vegetables as quorum sensing inhibitors	Dr. Ramya Premanath	Rs. 18.4 lakhs	DBT
Development of novel methods for the sensitive detection and enumeration of <i>Vibrio parahaemolyticus</i>	Dr. Biswajit Maiti	Rs. 34.9 lakhs	DBT
Bio control of pathogenic <i>Vibrio parahaemolyticus</i> in shrimp culture systems using bacteriophages	Dr. Praveen Rai	Rs. 23.5 lakhs	DBT