Number of research Projects and grants sanctioned to Teachers

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator	Department of Principal Investigator	Year of Award	Funds provided	Duration of the project
Evaluation of Soya Phosphatidylcholine-stearylamine liposome as antimalarial agent.	Prof. P.C. Ghosh	Biochemistry	2013	2861954	2014-17
Engineering of photoactivated adenylate cyclase (PAC) for the development of optogenetic Tools for neuroscience applications	Dr. Suneel Kateriya	Biochemistry	2013	4541916	2013-16
Development of reagents for simple immunochemical tests for detection of Chikungunya infection.	Prof. V.K. Chaudhary	Biochemistry	2014	8643384	2014-19
Identification and Characterization of Promoters of Toxin Antitoxin Loci in *Mycobacterium tuberculosis*.	Dr. Amita Gupta	Biochemistry	2014	2563117	**2014-17**
Functional characterization of new photoreceptor proteins and ion channels in the microalga *chalmydomonas*	Dr. Suneel Kateriya	Biochemistry	2014	2616400	**2014-17**
DNA Sequencing Facility at UDSC	Prof. V.K. Chaudhary	Biochemistry	2014	17359735	**2014-17**
Understanding the VirS mediated acid induced responses of mycobacterium tuberculosis in maintaining the pH homeostatis in vitro and in host.	Dr. Garima Khare	Biochemistry	2014	4321000	**2014-17**
Innovative modalities for addressing Human health, lifestyle and infectious diseases.	Head, Biochemistry	Biochemistry	2014	15000000	**2014-19**
Understanding the structure of *Leishmania major* PPTase and its interaction with its cognate ACP.	Prof. Suman Kundu	Biochemistry	2015	790200	2015-18

Development of Potent Small Molecule inhibitors against Dopamine Beta-Hydroxylase to combat Cardiovascular Diseases	Prof. Suman Kundu	Biochemistry	2015	5165500	2015-18
Centre of excellence in genome Sciences and Predictive Medicine Phase-II	Prof. Suman Kundu	Biochemistry	2015	606,000	**2015-20**
Development and screening of indigenous and plant based small molecule inhibitors in vitro and in vivo against dopamine beta-hydroxylase	Dr. Pankaj Prabhakar	Biochemistry	2016	1920000	**2016-18**
Novel nanocluster based targeted anticancer theranostics	Prof. D.P. Sarkar	Biochemistry	2016	3600000	**2016-19**
Understanding the role of Rv1955-Rv1956 Toxin-antitoxin (TA) locus of *Mycobaterium tuberculosis* in pathogen biology	Dr. Amita Gupta	Biochemistry	2016	5280000	**2016-19**
Screening lead molecules identified by structure-based rational drug design methods against cytochrome b5 reductase 3 and dopamine beta hydroxylase in spontaneously hypertensive rat models for antihypertensive effects.	Prof. Suman Kundu	Biochemistry	2017	2560400	**2017-21**
Unraveling the role of HPV16E7 oncoprotein in manipulating FoxM1 activity via APC/C-Cdh 1axis	Prof. Alo Nag	Biochemistry	2017	3275600	**2017-20**