

List of Other Projects

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator	Year of Award	Duration of the project	Funds provided (Rs.)
Protein covalent modification by homocysteine: Understanding the reactivity, structural and functional consequences"	DR. L. R. Singh	2017	3 Year	3042000
"Development of novel monoamino oxidase-B (MAO-B) inhibitor with neuroprotective and disease modifying capabilities for parkinson's disease: Design, synthesis, insilico, in-vitor and in-vivo studies"	Dr. Chandra Bhushan Mishra	2017	3 Year	4800000
Delineating the mechanism of transcriptional regulation by chromatin remodelling protein, INO80; Identification and characterisation of the protein complexes.	Prof. Vani Brahmachari	2016	3 year	5555000
DST Inspire Faculty	Dr. Yatendra Kumar Satija	2016	2 Year	4980000
Study the role of hnRNPA1 (RNA binding protein) in glioma cell drug resistance development	Dr. Ajay K Yadav	2016	3 Year	5759000
Design and development of novel inhibitors of AKR1C1 as potential lead cindidates in treatment of breast cervical & endometrial cancer	Dr. Priyanka Verma	2016	3 Year	3000000
Investigating the role of fractional surface area....on stability and function	Dr. Shafikur Rehman	2015	2 Year	2660000
Characterization of mechanism of degradation of HIF1a by leukemia associated corepressor MTG16 during hypoxia	Dr. Praveen Kumar	2015	2 Year	3300000
Understanding the role of Sin3, a global transcription regulator in non-genotoxic stress mediated modulation of gene expression	Prof. Daman Saluja	2015	3 Year	5772899
Screening and characterization of peptide based inhibitors of b-lactamases	Dr. Md. Tabish rehman	2015	1 Year	2917000

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Validation of field trials, scale up and commercialization of sensitive and specific PCR based diagnostics.	Prof. Daman Saluja	2014	3 year	6320000
The Potential use of novel ary1 and alky1 piperazine analogs for the treatment of Alzheimer's disease: An in vivo and in vitro study	Dr. Manisha Tiwari	2013	3 Year	2340000
Mechanism of allosteric regulation of a unique bifunctional antioxidant enzyme peroxyredoxin-6 on post translational	DR. L. R. Singh	2013	3 Year	8183000
Biophysical characterization of glycosylated and non-glycosylated forms of Withania somnifera glycoprotein, a therapeutically	DR. L. R. Singh	2013	3 Year	3495000
Impact of cellular memory modules on stress resistance in drosophila	Dr. Vineeta	2013	3 Year	2210000
Effect of multiple osmolytes on protein stability, structure and function	DR. L. R. Singh	2013	3 Year	1900000
Antiproliferating effect of esculetin on AML1-ETO expressing cell line	Dr. Mashook Ali	2013	3 Year	2480000
Understanding the dual function of.... development	Prof. Vani Brahmachari	2012	4 Year	6853400
Deciphering macrophage functions during HIV - M.Tb. co-infection	Prof. K. Natarajan	2012	4 Year	5864000
Deciphering neddylation during M.Tb infection	Prof. K. Natarajan	2012	3 Year	6508000
Epigenetics of Hexokinase II gene in radioresistant cells	Prof. Vani Brahmachari	2012	2 Year	600000
Genome -wide mapping of interaction sites of INO80 on human genome and analysis of its effect of target gene regulation	Prof. Vani Brahmachari	2012	4 year	2312000
Epigenetics of Health and diseases (EpiHed), work package	Prof. Vani Brahmachari	2012	3 year	11970000
Development and clinical evaluation of PCR based method for detection of T. vaginalis and further standardization of Triplex PCR for simultaneous detection of Trichomonas vaginalis	Prof. Daman Saluja	2012	4 Year	1722000
Effect of macromolecular and osmolytic crowders on protein structure and folding	DR. L. R. Singh	2012	3 Year	4001000

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Toll-like receptors and signalling mechanisms of T. Vaginalls isolates from asymptomatic and asymptomatic infected women(RGYI)	Dr. Manisha Yadav	2012	3 Year	3250000
Toll-like receptor mediated molecular mechanisms and pathogenesis of Trichomonas vaginalls	Dr. Manisha Yadav	2012	3 Year	2200000
Role of heat shock prtein 70 gene polymorphism	Dr. Kamana Srivastava	2012	2 Year	2600000
Understanding the role of Caenorhabditis elegans Sin-3 in Cep-1 mediated gene repression	Dr. Meenakshi Dwivedi	2012	4 Year	2500000
Synthesis of neuronal nitric oxide synthase (nNos) inhibitors and Role of nNos in Parkinson's Disease	Dr. P. M. Luthra	2012	3 Year	2800000
Sequence and structure determination of the protein tyrosine hydroxylase from leaves of Muruna proteins	Dr. P. M. Luthra	2012	3 Year	1435800
Molecular Mechanisms of Neuroprotection Mediated through Adenosine A2A Receptor	Dr. P. M. Luthra	2012	3 Year	4831002
Creation of Bioinformatics Facility at ACBR since 2006	Dr. Madhu Chopra	2012	13 Years	2575000
Loop mediated amplification (LAMP) based method for detection of active and MDR/XDR pulmonary tuberculosis	Prof. Daman Saluja	2011	4 Year	2287000
Designing of cost effective, quick and easy visualization method for detection of CML, AML and All leukemia patients using molecular beacon	Prof. Daman Saluja	2011	4 Year	4219000
Regulation of voltage Ca channel during M. Tb expression	Prof. K. Natarajan	2010	3 Year	5339000
Study genetic splice variant in cancer disease	Dr. Ajay K Yadav	2010	6 Year	7000000
Investigation of the role of Zinc in hypobaric hypoxia induced memory impairment and neuronal damage	Dr. Anju Katyal	2009	3 Year	950800
Role of angiotensongen (M235T) gene and angiotensin-converting enzyme ACE(I/D) gene polymorphisms on blood pressure control with ACE inhibitors in north Indian subjects with essential hypertension	Dr. Kamana Srivastava	2009	2 Year	1728000