

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.)	Duration of the project
Creation of Bioinformatics Facility at ACBR since 2006	Dr. Madhu Chopra	ACBR	2012-2018	3574707	14 Years
“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	ACBR	2017	4800000	3 Year
Delineating the mechanism of transcriptional regulation by chromatin remodelling protein, IN080; Identification and characterisation of the protein complexes.	Prof. Natarajan	ACBR	2017	8227000	3 years
Development of a hand held molecular point – of care test device for infections diseases	Prof. Daman Saluja	ACBR	2017	213,88,000	3 years
To study the genetic Polymorphism of PCSK9 and their expression at molecular levels in patients with coronary artery disease	Dr. Kamna Srivastava	ACBR	2017	3050000	3 years
Role of naturally occurring small molecular in transthyretin-induced familial amyloid cardimyopathy	Dr. Sheeza Khan	ACBR	2017	2955000	3 years

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Ramalingam Fellowship	Dr. Richa Arya	ACBR	2017	8800000	3 years
NPDF	Dr. Dr. Sakshi Dhingra	ACBR	2017	1920000	3 years
DHR Women Scientist	Dr. Rakhi Srivastava	ACBR	2017	3000000	3 years
NPDF	Dr. Mansi Mittal	ACBR	2017	1620000	3 years
DST Inspire Faculty	Dr. Yatendra Kumar Satija	ACBR	2016	9000000	2 Year
Delineating the mechanism of transcriptional regulation by chromatin remodelling protein, INO80; Identification and characterisation of the protein complexes.	Prof. Vani Brahmachari	ACBR	2016	5555000	3 year
Study the role of hnRNPA1 (RNA binding protein) in glioma cell drug resistance development	Dr. Ajay K Yadav	ACBR	2016	5759000	3 Year
Protein covalent modification by homocysteine: Understanding the reactivity, structural and functional consequences”	Dr. L. R. Singh	ACBR	2016	3042000	3 Year
Design and development of novel inhibitors of AKR1C1 as potential lead candidates in treatment of breast cervical & endometrial cancer	Dr. Priyanka Verma	ACBR	2016	3000000	3 Year
Characterization of mechanism of degradation of HIF1a by leukemia associated corepressor MTG16 during hypoxia	Dr. Praveen Kumar	ACBR	2015	3300000	2 Year
Investigating the role of fractional surface area....on	Dr. Shafikur	ACBR	2015	2660000	2 Year

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stability and function	Rehman				
Screening and characterization of peptide based inhibitors of b-lactamases	Dr. Md. Tabish rehman	ACBR	2015	2917000	1 Year
Understanding the role of Sin3, a global transcription regulator in non-genotoxic stress mediated modulation of gene expression	Prof. Daman Saluja	ACBR	2015	5772899	3 Year
Validation of field trials , scale up and commercialization of sensitive and specific PCR based diagnostics.	Prof. Daman Saluja	ACBR	2014	6320000	3 year
Biodegradable nanoparticle based drug delivery systems	Dr. Madhu Chopra	ACBR	2013	700000	3 Year
The Potential use of novel aryl and alkyl piperazine analogs for the treatment of Alzheimer's disease: An in vivo and in vitro study	Dr. Manisha Tiwari	ACBR	2013	2340000	3 Year
Mechanism of allosteric regulation of a unique bifunctional antioxidant enzyme peroxyredoxin-6 on post translational	Dr. L. R. Singh	ACBR	2013	8183000	3 Year
Biophysical characterization of glycosylated and non-glycosylated forms of Withania somnifera glycoprotein, a therapeutically	Dr. L. R. Singh	ACBR	2013	3495000	3 Year
Impact of cellular memory modules on stress resistance in drosophila	Dr. Vineeta	ACBR	2013	2210000	3 Year

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Effect of multiple osmolytes on protein stability, structure and function	Dr. L. R. Singh	ACBR	2013	1900000	3 Year
Antiproliferating effect of esculetin on AML1-ETO expressing cell line	Dr. Mashook Ali	ACBR	2013	2480000	3 Year
Synthesis and in vitro and in vivo screening of isooxazole derivatives as novel A2AR antagonists in the therapy of Parkinson's Disease.	Dr. P. M. Luthra	ACBR	2013	2400000	3 Year
Understanding the dual function of development	Prof. Vani Brahmachari	ACBR	2012	6853400	4 Year
Deciphering macrophage functions during HIV - M.Tb. co-infection	Prof. K. Natarajan	ACBR	2012	5864000	4 Year
Deciphering neddylation during M.Tb infection	Prof. K. Natarajan	ACBR	2012	6508000	3 Year
Epigenetics of Hexokinase II gene in radioresistant cells	Prof. Vani Brahmachari	ACBR	2012	600000	2 Year
Genome –wide mapping of interaction sites of INO80 on human genome and analysis of its effect of target gene regulation	Prof. Vani Brahmachari	ACBR	2012	2312000	4 year
Epigenetics of Health and diseases (EpiHed), work package	Prof. Vani Brahmachari	ACBR	2012	11970000	3 year
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	ACBR	2012	1722000	4 Year

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Effect of macromolecular and osmolytic crowders on protein structure and folding	Dr. L. R. Singh	ACBR	2012	4001000	3 Year
Toll-like receptors and signalling mechanisms of T. Vaginalls isolates from asymptomatic and asymptomatic infected women(RGYI)	Dr. Manisha Yadav	ACBR	2012	3250000	3 Year
Toll-like receptor mediated molecular mechanisms and pathogenesis of Trichomonas vaginalls	Dr. Manisha Yadav	ACBR	2012	2200000	3 Year
Role of heat shock prtein 70 gene polymorphism	Dr. Kamana Srivastava	ACBR	2012	2600000	2 Year
Understanding the role of Caenorhabditis elegans Sin-3 in Cep-1 mediated gene repression	Dr. Meenakshi Dwivedi	ACBR	2012	2500000	4 Year
Synthesis of neuronal nitric oxide synthase (nNos) inhibitors and Role of nNos in Parkinson's Disease	Dr. P. M. Luthra	ACBR	2012	2800000	3 Year
Sequence and structure determination of the protein tyrosine hydroxylase from leaves of Muruna proteins	Dr. P. M. Luthra	ACBR	2012	1435800	3 Year
Molecular Mechanisms of Neuroprotection Mediated through Adenosine A2A Receptor	Dr. P. M. Luthra	ACBR	2012	4831002	3 Year
Understanding the dual function of development	Prof. Vani Brahmachari	ACBR	2012	6853400	4 Year
Deciphering macrophage functions during HIV - M.Tb. co-	Prof. K.	ACBR	2012	5864000	4 Year

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infection	Natarajan				
Deciphering neddylation during M.Tb infection	Prof. K. Natarajan	ACBR	2012	6508000	3 Year
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Loop mediated amplification (LAMP) based method for detection of active and MDR/XDR pulmonary tuberculosis	Prof. Daman Saluja	ACBR	2011	2287000	4 Year
Designing of cost effective, quick and easy visualization method for detection of CML, AML and All leukemia patients using molecular beacon	Prof. Daman Saluja	ACBR	2011	4219000	4 Year
Loop mediated amplification (LAMP) based method for detection of active and MDR/XDR pulmonary tuberculosis	Prof. Daman Saluja	ACBR	2011	2287000	4 Year
Designing of cost effective, quick and easy visualization method for detection of CML, AML and All leukemia patients using molecular beacon	Prof. Daman Saluja	ACBR	2011	4219000	4 Year
Regulation of voltage Ca channel	Prof. K.	ACBR	2010	5339000	3 Year

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during M. Tb expression	Natarajan				
Study genetic splice variant in cancer disease	Dr. Ajay K Yadav	ACBR	2010	7000000	6 Year
Regulation of voltage Ca channel during M. Tb expression	Prof. K. Natarajan	ACBR	2010	5339000	3 Year
Study genetic splice variant in cancer disease	Dr. Ajay K Yadav	ACBR	2010	7000000	6 Year
Role of angiotensinogen (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	ACBR	2009	1728000	2 Year
Investigation of the role of Zinc in hypobaric hypoxia induced memory impairment and neuronal damage	Dr. Anju Katyal	ACBR	2009	950800	3 Year
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