

# Animal Biotechnology

## Projects Externally Funded

Year	Title Of Project	P.I.	Funding Agency	Total Budget In Lac	Status
2010	Molecular characterization of fish fauna of Kashmir and Ladakh for taxonomical studies.	Dr. S Mudasir Andrabi	DST	50.00	Completed
2013	Human resource development Programme (HRD) for M.V.Sc Animal Biotechnology	Dr. Nazir A Ganai	DBT	146.00	Completed
2013	Bioinformatics Infrastructural Facility	Dr. S Mudasir Andrabi	DBT	140.00	Completed
2014	Use of actin affecting drugs to dissect the role of SNTA1-Rac1 signalling pathway in human breast cancer cell lines	Dr. Hina Fayaz Bhat	DST	85.00	Completed
2015	Elucidating the mechanisms of Pashmina Fibre development: An Omics approach	Dr. Nazir A Ganai	ICAR (NASF)	294.00	Completed
2016	Mammary Gland Specific Transcriptional Profiling of Kashmiri Cattle and its Jersey cross for milk Quality and yield traits	Dr. S. Mudasir Andrabi	DBT	50.00	Completed
2016	Proteome identification of binding partners of SNTA1 protein in human breast cell lines.	Dr. Hina Fayaz Bhat	SERB (DST)	48.00	Completed
2017	Generation of a genetically-stable live vaccine candidate against infectious bursal disease virus (IBDV) through mutagen-driven lethal mutagenesis"	Dr. Nadeem Shabir	SERB (DST)	41.00	Completed
2017	Analysis of the mechanistic regulations of SNTA1/p66Shc	Dr. Sehar Saleem	DST	103.00	Completed

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	interaction on cytoskeletal organization and migration in breast carcinoma cells				
2018	Use of foldscope for determining the annual growth cycle and fibre (PHF:SHF) ratio of Cashmere fiber in Pashmina Goats of Jammu and Kashmir.	Dr. Hina Fayaz Bhat	Indo-US-DBT Alliance	8.00	Completed
2018	Transcriptome profiling of Kashmiri Vs commercial poultry for disease resistance against Salmonellosis.	Dr. S. Mudasir Andrabi	SERB (DST)	60.20	Completed
2019	Regulating reversion to virulence in live-attenuated Infectious Bronchitis virus vaccine by enhancing its genetic stability	Dr. Nadeem Shabir	WELLCOME TRUST - Alliance DBT	158.00	Ongoing
2020	Generation and in vivo development of FGF5 disrupted Pashmina goat embryo through gene editing technique	Dr. Riaz A Shah	SERB (DST)	58.00	Ongoing
2021	Production of Double muscled-mass farm animals using CRISPR	Dr. Riaz A Shah	ICAR (NASF)	367.00	Ongoing
2022	Development of Recombinant Lactic acid bacteria based vaccine for Salmonellosis in poultry	Dr. S. Mudasir Andrabi	SERB (DST)	44.50	Ongoing
2022	Exosomes derived from mesenchymal stem cells in combination with biomaterials: A potential therapeutic approach for tissue regeneration in dairy cows with subclinical and clinical mastitis	Dr. S. Mudasir Andrabi	DBT	87.00	Ongoing
2022	Epigenetic changes to MAPK in response to actin modulation: Implications on the Alpha-1-Syntrophin mediated signalling pathway in mammalian carcinoma cells	Dr. Sehar Saleem	SERB (DST)	73.00	Ongoing

