

## Faculty Details

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Name: Shashi Kiran

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Area Of Research:Protein ubiquitination and deubiquitination in cellular processes and disease, HPV induced oncogenesis, posttranslational modifications in cellular activities.

## Notice Board

No Records Available

## Students And Project Trainees

Name	Joined As	Mail	Contact
Manikanta Kolasani	PhD Student	manikanta.kolasani@gmail.com	---
Harsitha G V	PhD student	harshithagv11@gmail.com	---
Deepika Parthasarathy	Project student	deepikap1998@gmail.com	---

## Publications

11 Ajay Chatrath, Roza Przanowska, Shashi Kiran, Zhangli Su, Shekhar Saha, Briana Wilson, Takaaki Tsunematsu, Ji-Hye Ahn, Kyung Yong Lee, Teressa Paulsen, Ewelina Sobierajska, Manjari Kiran, Xiwei Tang, Tianxi Li, Pankaj Kumar, Aakrosh Ratan, Anindya Dutta., (2020) , The pan-cancer landscape of prognostic germline variants in 10,582 patients , Genome Medicine, Springer Nature,12,15,.

10 Kumar, Pankaj., Kiran, Shashi., Saha, Shekhar., Su, Zhangli., Paulsen, Teressa., Chatrath, Ajay., Shibata, Yoshiyuki., Shibata, Etsuko., Dutta, Anindya., (2020) , ATAC-seq identifies thousands of extrachromosomal circular DNA in cancer and cell lines , Science Advances, American Association for the Advancement of Science,6,20,eaba2489.

- 9 Kiran, Shashi., Dar, Ashraf., Singh, Samarendra K., Lee, Kyung Yong., Dutta, Anindya., (2018) , The deubiquitinase USP46 is essential for proliferation and tumor growth of HPV-transformed cancers , Molecular cell, Cell Press,72,5,823-835. e5.
- 8 Shibata, Etsuko., Kiran, Manjari., Shibata, Yoshiyuki., Singh, Samarendra., Kiran, Shashi., Dutta, Anindya., (2016) , Two subunits of human ORC are dispensable for DNA replication and proliferation , Elife, eLife Sciences Publications Limited,5,,e19084.
- 7 Kiran, Shashi., Oddi, Vineesha., Ramakrishna, Gayatri., (2015) , Sirtuin 7 promotes cellular survival following genomic stress by attenuation of DNA damage, SAPK activation and p53 response , Experimental cell research, Academic Press,331,1,123-141.
- 6 Kiran, Shashi., Anwar, Tarique., Kiran, Manjari., Ramakrishna, Gayatri., (2015) , Sirtuin 7 in cell proliferation, stress and disease: Rise of the Seventh Sirtuin! , Cellular signalling, Pergamon,27,3,673-682.
- 5 Singh, Sapna., Kumar, P Uday., Thakur, Suresh., Kiran, Shashi., Sen, Bijoya., Sharma, Shreya., Rao, Vishnu Vardhan., Poongothai, AR., Ramakrishna, Gayatri., (2015) , Expression/localization patterns of sirtuins (SIRT1, SIRT2, and SIRT7) during progression of cervical cancer and effects of sirtuin inhibitors on growth of cervical cancer cells , Tumor Biology, Springer Netherlands,36,8,6159-6171.
- 4 Kiran, Shashi., Chatterjee, Nirupama., Singh, Sapna., Kaul, Sunil C., Wadhwa, Renu., Ramakrishna, Gayatri., (2013) , Intracellular distribution of human SIRT 7 and mapping of the nuclear/nucleolar localization signal , The FEBS journal, ,280,14,3451-3466.
- 3 Ramakrishna, Gayatri., Anwar, Tarique., Angara, Rajendra Kumar., Chatterjee, Nirupama., Kiran, Shashi., Singh, Sapna., (2012) , Role of cellular senescence in hepatic wound healing and carcinogenesis , European journal of cell biology, Urban & Fischer,91,10,739-747.
- 2 Chatterjee, Nirupama., Kiran, Shashi., Ram, Babul Moni., Islam, Nashreen., Ramasarma, Tangirala., Ramakrishna, Gayatri., (2011) , Diperoxovanadate can substitute for H2O2 at much lower concentration in inducing features of premature cellular senescence in mouse fibroblasts (NIH3T3) , Mechanisms of ageing and development, Elsevier,,,.
- 1 Kiran, Shashi., Batra, Munish., Kumar, Umapati V Jitendra., Saxena, MK., (2009) , Detection of virulence in Salmonella Typhimurium isolated from Ganga water , International Journal of Applied Environmental Sciences, Research India Publications,4,4,363-367.

## Projects

Title	Year	Duration	Amount(In Lakhs)	PI/I
Establishing A Genetic Mouse Model Of Sex Definitive Reproduction PI	2021	3	40000000000	
Establishment of a Mouse Genome Editing Facility	2021	3	450000000000	PI

Characterization of the E6-USP46-Cdt2 interaction and epigenetic role of, subsequent Set8 degradation, in HPV induced cancers. 2020 2 100000000000 PI

Exploiting E6-USP46 Deubiquitinase Complex, As A Novel Therapeutic Target Against Human Papilloma Virus (HPV) Induced Cancers. 2020 2 300000000000 PI

#### Training and Education

Feb, 2020 - Current- Assistant Professor, Department of Biochemistry, School of Life Sciences, University of Hyderabad.

Sep,2014-Jan,2020 : Research Associate, School of Medicine, University of Virginia.

Jan,2008 - Oct,2014 : PhD, Center for DNA Fingurprinting and Diagnostics (CDFD)/ University of Hyderabad.

2005-2007- M.V.Sc (Animal Biotechnology), G.B.Pant University of Agriculture and Technology (GBPUA&T)

2000-2005- B.V.Sc & A.H. (Veterinary Sciences and Animal Husbandry) , Central Agricultuarl University