

Date: 29/10/2021

To,

SUN PHARMA SCIENCE FOUNDATION,

Mr. Prashant Shankar Giri is working as a Ph.D. student for the past 3.5 years (19/06/2018 to till date) at C. G. Bhakta Institute of Biotechnology, UkaTarsadia University. He has worked on the role of regulatory T cells in generalized vitiligo pathogenesis, and the research findings have been published in highly reputed journals i.e., Pigment cell melanoma research (Impact Factor: 4.693), experimental dermatology (Impact Factor: 3.368) and Gene (Impact Factor: 3.688).

His one of the novel reserach study entitled "Decreased suppression of CD8⁺ and CD4⁺ T cells by peripheral regulatory T cells in generalized vitiligo due to reduced NFATC1 and FOXP3 proteins" for the first time has highlighted the role of NFATC1 and FOXP3 in decreased Treg suppressive capacity. Moreover, the study has suggested that the impaired Treg suppressive capacity may lead to widespread activation of CD8⁺ and CD4⁺ T cells, thereby contributing to melanocytes destruction and generalized vitiligo pathogenesis. These research findings open new doors for developing effective Treg based therapeutics for the treatment of generalized vitiligo.

I highly recommend the nomination of Mr. Prashant Shankar Giri for theSun Pharma Science Foundation Science Scholar Award and wish him all the best.



Dr. Mitesh Kumar Dwivedi

(Assistant Professor)
Principal Investigator
DST - SERB Project
"Exploring the role of Tregs.....
.....in Vitiligo Pathogenesis"



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