



LIST OF PUBLICATIONS



Publications

1. **Bhardwaj, G.**, M. Vakani, A. Srivastava, K. Rawal, A. Kalathil and S. Gupta (2022). "Influence of metabolically compromised Adipose derived stem cell secretome on islet differentiation and functionality." *Experimental Cell Research* 410(2): 112970.
2. **Bhardwaj, G.**, M. Vakani, A. Srivastava, D. Patel, A. Pappachan, P. Murumkar, H. Shah, R. Shah and S. Gupta (2021). "Swertisin, a novel SGLT2 inhibitor, with improved glucose homeostasis for effective diabetes therapy." *Archives of Biochemistry and Biophysics* 710: 108995.
3. Abhay Srivastava, Mitul Vakani., **Gurprit Bhardwaj**, Sarita Gupta (2021). "A PERSPECTIVE ON REGENERATIVE POTENTIALS OF HERBS FOR DIABETES THERAPEUTIC." *Journal of Advanced Scientific Research* 12(3): 10-20.
4. **Gurprit Bhardwaj**, Mitul Vakani, Abhay Srivastava, Ruchika Agarwal, Sarita Gupta Abatement of islet neogenesis by altered muscle secretome in insulin resistant condition. (Manuscript submitted) (In progress).



ORAL/POSTER PRESENTATIONS



Awards

- ◆ Awarded **YUVA Scholarship** for attending 9th **International conference** NGBT Nextgen Genomics, Biology, Bioinformatics and Technologies Conference organized by SciGenom Research Foundation (SGRF) at MUMBAI, INDIA Sep 30th to Oct 2nd, 2019.
- ◆ The M.S University of Baroda, Vadodara, Gujarat funded **Travel award** for oral presentation on ‘Abatement of islet neogenesis by altered muscle-pancreatic crosstalk in insulin resistant condition’ at 4th **International Conference** on Translational Research: Recent Developments and Innovations in Human Health and Agricultural Research, Bogmallo Beach Resort, Goa, India, 11th-13th October, 2018.

Abstract published through oral/poster presentation

- ◆ **Gurprit Bhardwaj**, Komal Rawal, Kishan Purohit, Mitul Vakani, Abhay Srivastava, Sarita Gupta* “Effect of metabolically compromised human Adipose derived stem cell secretome on islet neogenesis: in vitro study” Poster presentation at 9th **International conference** NGBT Nextgen Genomics, Biology, Bioinformatics and Technologies Conference organized by SciGenom Research Foundation (SGRF) at MUMBAI, INDIA Sep 30th to Oct 2nd, 2019.
- ◆ **Gurprit Bhardwaj**, Mitul Vakani, Abhay Srivastava, Ruchika Agarwal and Sarita Gupta* ‘Abatement of islet neogenesis by altered muscle-pancreatic crosstalk in insulin resistant condition” Oral presentation at 4th **International Conference** on Translational Research: Recent Developments and Innovations in Human Health and Agricultural Research, Bogmallo Beach Resort, Goa, India, 11th-13th October, 2018.
- ◆ **Gurprit Bhardwaj**, Ruchika Agarwal and Sarita Gupta* “Impact of metabolically compromised muscle secretome on islet functionality and differentiation” Oral presentation at UGC **National Conference** on Current Trends in Biological Sciences-II (CTBS-2018) M. P. Patel Auditorium, Near Department of Physics, Sardar Patel University, Vallabh Vidyanagar, Gujarat, India 9th February 2018.