LIST OF PUBLICATIONS

1. Singh M*, **Jadeja SD***, Vaishnav J, Mansuri MS, Shah C, Mayatra JM, Shah A, Begum R. (2020) Investigation of the role of Interleukin 6 in vitiligo pathogenesis. *Immunol. Invest.* (*Equal contribution). (Accepted) **(IF: 2.51)**
2. **Jadeja SD**, Mansuri MS, Singh M, Patel H, Marfatia YS, Begum R. (2018) Association of elevated homocysteine levels and Methylenetetrahydrofolate reductase (*MTHFR*) 1298 A > C polymorphism with Vitiligo susceptibility in Gujarat. *J Dermatol Sci* 90(2):112-122 **(IF: 3.98)**
3. **Jadeja SD**, Mansuri MS, Singh M, Dwivedi M, Laddha NC, Begum R. (2017) A case-control study on association of proteasome subunit beta 8 (PSMB8) and transporter associated with antigen processing 1 (TAP1) polymorphisms and their transcript levels in vitiligo from Gujarat. *PLoS ONE* 12(7):e0180958. **(IF:2.80)**
4. Patel N, Dwivedi M, **Jadeja SD,** Begum R. (2020) Antibacterial Activity of Marine Bacterial Pigments Obtained from Arabian Sea Water Samples. *J. Pure Appl. Microbiol.*, 14(1), 517-526.
5. Palit SP, Patel R*, **Jadeja SD*,** Rathwa N, Mahajan A, Ramachandran AV, Dhar MK, Sharma S, Begum R. (2020) A genetic analysis identifies a haplotype at adiponectin locus: Association with obesity and type 2 diabetes. *Scientific Reports* 10: 2904 https://doi.org/10.1038/s41598-020-59845-z (*Equal contribution). **(IF:4.01)**
6. Mansuri T, **Jadeja SD**, Singh M, Begum R, Robin P. Phosphodiesterase 8B (*PDE8B*) polymorphism rs4704397 is associated with infertility in subclinical hypothyroid females: A case-control study. *Int J Fertil Steril*. (2020) 14 (2) DOI: 10.22074/ijfs.2020.6015.
7. Rathwa N, Patel R, Pramanik Palit S, **Jadeja SD,** Narwaria M, Ramachandran AV, Begum R. Circulatory Omentin-1 levels but not genetic variants influence the pathophysiology of Type 2 diabetes. *Cytokine*. 2019; 119:144-151. **(IF: 3.51)**
8. Mansuri MS, Singh M, **Jadeja SD**, Begum R. (2018) Association of Glucose 6-Phosphate Dehydrogenase (*G6PD*) 3'UTR polymorphism with Vitiligo and in vitro studies on *G6PD* inhibition in melanocytes. *J Dermatol Sci*. 93(2):133-135 **(IF: 3.98)**
9. Singh M, Kotnis A*, **Jadeja SD***, Mondal A, Mansuri MS, Begum R. (2019) Cytokines: the yin and yang of vitiligo pathogenesis, *Expert Review of Clinical Immunol.* 15(2):177-188. (*Equal contribution) **(IF:3.9)**

10. Singh M, Mansuri MS, **Jadeja SD**, Marfatia YS, Begum R. (2018) Association of Interleukin 1 Receptor Antagonist (*IL1RN*) intron 2 VNTR polymorphism with vitiligo susceptibility in Gujarat population. *Ind J Dermatol Venereol Leprol* 84(3):285-291. **(IF:3.03)**
11. Mansuri MS, **Jadeja SD**, Singh M, Laddha NC, Dwivedi M, Begum R. (2017) Catalase (CAT) promoter and 5′-UTR genetic variants lead to its altered expression and activity in vitiligo. *Brit. J. Dermatol*. 177(6):1590-1600. **(IF:6.12)**
12. Mansuri MS, Singh M, **Jadeja SD**, Gani AR, Patel R, Dwivedi M, Laddha NC, Ansarullah, Ramachandran AV and Begum R. (2014) Could ER Stress be a Major link between Oxidative Stress and Autoimmunity in Vitiligo? *J Pigmentary Disorders* 1(123):2376-0427. **(Score: 1.5)**

MANUSCRIPTS UNDER COMMUNICATION

1. Mansuri MS, Singh M, **Jadeja SD,** Begum R. An in vitro study elucidating the effect of oxidative stress on melanocytes.

ORAL/ POSTER PRESENTATIONS

1. **Jadeja SD,** Mayatra JM, Vaishnav J, Harshe A, Begum R. "Two sides of the same coin: Association of Tyrosinase R402Q variant with Vitiligo and Melanoma" the *"2nd UK-India Cancer Informatics workshop on Next- Generation Sequencing Data Analysis"* at ACTREC, Tata Memorial Centre, Navi Mumbai from 31st October to 2nd November 2019. ***(Awarded best poster presentation)***
2. **Jadeja SD**, Vaishnav J, Vasava J, Khan F, Narayan P, Bharti A, Begum R. "Investigating the association of Interleukin-17A (*IL17A*) promoter polymorphisms and its expression with vitiligo susceptibility in Gujarat population" at the Asian Advanced Course in Basic and Clinical Immunology organized by the Federation of Clinical Immunology Societies at Jaipur, Rajasthan, India on 26th – 29th March, 2019.
3. **Jadeja SD**, Vaishnav J, Narayan P, Singh M, Mansuri MS, Begum R. "Investigating the association of *IL17A* -197 G/A and -737 C/T promoter polymorphisms and its transcripts with vitiligo susceptibility in Gujarat population" at International Conference on 'Proteins, miRNA and Exosomes In Health and Diseases' held at

The M. S. University of Baroda, Vadodara, Gujarat, India on 11th - 13th December, 2018. ***(Received the First Prize for oral presentation)***

4. **Jadeja SD**, Mansuri MS, Singh M, Patel K, Begum R. Elevated homocysteine levels and Methylenetetrahydrofolate reductase (*MTHFR*) 1298 A>C polymorphism are associated with vitiligo in Gujarat at 44th Annual Conference of the Indian Immunology Society (IIS) "Immunocon 2017", on 14th – 16th Dec 2017 at Institute of Science, Nirma University, S.G. Highway, Ahmedabad 382481, Gujarat. ***(Awarded best poster presentation)***
5. **Jadeja SD**, Mansuri MS, Singh M, Patel H, Patel K, Begum R. "Analysis of *MTHFR* SNPs, Homocysteine and Vitamin B_{12} levels in Vitiligo cases and controls from Gujarat" at National Symposium on "Omics…to Structural Basis of Diseases" held at The M. S. University of Baroda, Vadodara, Gujarat, India on 30th Sept. and 1st Oct. 2016.
6. **Jadeja SD**, Mansuri MS, Singh M, Patel K, Begum R. "Association of *XBP*-116 C/G SNP and elevated Homocysteine levels in Gujarat Vitiligo patients- Possible implication of Homocysteine induced ER stress in Vitiligo" at International Conference on Genomic Medicine in Skin Research on 24th and 25th June 2016 held at CSIR-IGIB, New Delhi, India.
7. **Jadeja SD**, Mansuri MS, Singh M, Ansarullah, Patel H, Begum R. "Investigating association of two genetic variants of *MTHFR* (677 C>T and 1298 A>C) with Vitiligo Susceptibility in Gujarat Population" at the Master Class on Vitiligo and Pigmentary Disorders and 2nd Annual meeting of Vitiligo Academy of India, 28th – 30th November, 2014 held at Amritsar, India.
8. **Jadeja SD**, Mansuri MS, Singh M, Laddha NC, Dwivedi M, Begum R. "Association of *LMP7* and *TAP1* polymorphisms with Vitiligo susceptibility in Gujarat population" at the International Conference on XXII International Pigment Cell Conference, 4th -7th September, 2014 held at Singapore. ***(Received the ICMR Travel Award for Poster Presentation)***

WORKSHOPS

1. Participated in the ***"Asian Advanced Course in Basic and Clinical Immunology"*** organized by the Federation of Clinical Immunology Societies at Jaipur, Rajasthan, India on 26th – 29th March, 2019.

2. Participated in workshop on ***"Melanocyte: from Bench to Bedside"*** at CSIR-IGIB, New Delhi, India on 23rd June 2016.
3. Participated in Wellcome Trust/ DBT India sponsored workshop on ***"Science Communication"*** at the Department of Microbiology and Biotechnology Centre, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India on 11th March, 2016.
4. Participated in workshop on ***"In vitro: Art and Science of Cell Culture"*** at Institute of Science Nirma University, Ahmedabad from 2nd to 4th February, 2016.