

Publications (2018-2024)

1. Aanchal Bharti, Isar Sharma, Ritu Mahajan, Seema Langer, **Nisha Kapoor** (2024) From Cirrhosis to the Dysbiosis (A Loop of Cure or Complications)? **Indian J Microbiol** <https://doi.org/10.1007/s12088-024-01267-w>
2. Palvi Sharma, **Nisha Kapoor**, Seema Langer (2024) [Comparative Analysis of Gut Bacterial Communities in Fish and Shellfish of Great Himalayan River System](#) **Indian J Microbiol** <https://doi.org/10.1007/s12088-024-01286-7>
3. Suruchi Gupta, Indu Priya, Manu Arora, Hemender Singh, Isar Sharma, Sakshi Sharma, Ritu Mahajan, **Nisha Kapoor** (2023) Original Article Association of the CDH13 gene variant rs9940180 with schizophrenia risk in North Indian population. **Am J Transl Res** 2023;15(11):6476-6485
4. Isar Sharma, Indu Priya, Sakshi Sharma, Suruchi Gupta, Manu Arora, Ritu Mahajan, **Nisha Kapoor** (2022) Association of toll-like receptor 2 gene polymorphism (rs3804099) with susceptibility to Schizophrenia risk in the Dogra population of Jammu region, North India. **The European Journal of Psychiatry**. doi.org/10.1016/j.ejpsy.2022.02.001
5. Indu Priya, Manu Arora, H Singh, Isar Sharma, Ritu Mahajan, **Nisha Kapoor** Genetic evidence for association of NOTCH4 variant rs2071287 with schizophrenia susceptibility in the North Indian population. **Indian Journal of psychiatry**, 2022. 64 (6), 567-571
6. Mahak Gupta, Ridhika Bangotra, Surbhi Sharma, Surbhi Vaid, **Nisha Kapoor**, Harish Chander Dutt, Bijender Kumar Bajaj (2022) Bioprocess development for production of xylooligosaccharides prebiotics from sugarcane bagasse with high bioactivity potential. **Industrial Crops & Products** 178 (2022) 114591
7. Indu Priya, Isar Sharma, Sakshi Sharma, Suruchi Gupta, Manu Arora , G.H. Rasool Bhat, Ritu Mahajan, **Nisha Kapoor** (2021) Genetic association of DISC1 variant rs3738401 with susceptibility to Schizophrenia risk in North Indian population. **Meta Gene** 29: 100923.
8. Kush Dev Singh Jarial, Ritu Mahajan, **Nisha Kapoor** (2021) Leptin in Energy homeostasis, Male reproduction, and Immune regulation. **Chem. Biol. Lett.**, 8(4): 183-191.
9. Akshita Abrol, **Nisha Kapoor**, Parveen Kumar Lehana (2021) Fractal-Based Speech Analysis for Emotional Content Estimation. [Circuits, Systems, and Signal Processing](#) 40, 5632–5653

10. Ramanjeet Kaur, Lubna Aslam, **Nisha Kapoor** and Ritu Mahajan (2021) Pomegranate: A miracle fruit against COVID-19. **Indian J. Applied & Pure Bio.** 36(2): 509-517.
11. Ramanjeet Kaur, Lubna Aslam, Shajaat Hussain, **Nisha Kapoor** and Ritu Mahajan (2021) Flavonoid Biosynthetic Pathway: Genetics and Biochemistry. **Biosciences Biotechnology Bioresearch Asia** 18 (2):271-286.
12. Lubna Aslam, Ramanjeet Kaur, Venu Sharma, **Nisha Kapoor**, Ritu Mahajan (2021) Isolation and characterization of cyclotides from the leaves of *Viola odorata* L. using peptidomic and bioinformatic approach. **3 Biotech** 11: 211.
13. Tania Sagar, **Nisha Kapoor**, Ritu Mahajan (2021) Nano-elicitation: An efficient method for enhancement of secondary metabolite production in plant cultures. **Indian J. Applied & Pure Bio.** 36(2), 561-567.
14. Parushi Nargotra, Vishal Sharma, Surbhi Sharma, **Nisha Kapoor**, Bijender Kumar Bajaj (2020) Development of consolidated bioprocess for biofuel-ethanol production from ultrasoundassisted deep eutectic solvent pretreated *Parthenium hysterophorus* biomass. **Biomass Conversion and Biorefinery** (5) 277- 279
15. Lubna Aslam, Shajaat Hussain, Ramanjeet Kaur, Deepika Lalla, Venu Sharma, **Nisha Kapoor**, Ritu Mahajan (2020) Characterization of chemical constituents in *Viola odorata* L. tissues by liquid chromatography and electrospray ionization tandem mass spectrometry. **The Journal of Plant Science Research**; (36) 105-116
16. Lubna Aslam, Ramanjeet Kaur, **Nisha Kapoor** and Ritu Mahajan (2020) Phytochemical composition and antioxidant activities of leaf extracts of *Viola odorata* from Kishtwar, Jammu and Kashmir. **Journal of Herbs, Spices & Medicinal Plants** 26: 77-88.
17. Ramanjeet Kaur, Lubna Aslam, **Nisha Kapoor**, Ritu Mahajan (2020) Identification and Comparative Expression Analysis of Chalcone Synthase, Flavanone 3-Hydroxylase and Dihydroflavonol 4-reductase Genes in Wild Pomegranate (*Punica granatum* L.) Organs. **Brazilian Journal of Botany.** 4: 883-896.
18. Ramanjeet Kaur, **Nisha Kapoor**, Lubna Aslam and Ritu Mahajan (2019) Molecular characterization of PgUFGT gene and R2R3-PgMYB transcription factor Involved in Flavonoid Biosynthesis in Four Tissues of Wild Pomegranate (*Punica granatum* L.). **Journal of Genetics** 98:94.

19. Sharma I., Priya I., Sharma S., Mahajan R., **Kapoor N** (2018). Hypertension, Vitamin D and VDR gene methylation: A review study. *Researcher: A Multidisciplinary Journal*, XIV (1): 33-46.
20. Priya I, Sharma S, Sharma I, Mahajan R, **Kapoor N** (2018) A Review of Potential Candidate Genes Polymorphism Responsible For Schizophrenia Risk. **International Journal of Scientific research in Biological sciences** (5) 186- 195
21. Ramanjeet Kaur, Lubna Aslam, **Nisha Kapoor**, Ritu Mahajan (2018) Phytochemical Analysis and Antioxidant Activity of Wild Pomegranate Collected from Patnitop, Jammu & Kashmir. **Biosciences biotechnology research Asia** 15(2) 335-341
22. Azhar Javed, **Nisha Kapoor**, Ritu Mahajan (2018) Antibacterial Activity of Peel and Pulp of Green Fruits of Wild Pomegranate Collected from Jammu and Kashmir. **Hort Flora Research Spectrum** 7(4) 277-279.
23. Lubna Aslam, Ramanjeet Kaur, **Nisha Kapoor**, Ritu Mahajan (2018) Evaluation of antimicrobial activity of various extracts of *Viola odorata* L. **Hort Flora Research Spectrum** 7(4) 286-290.
24. Mahajan R, Javed A and **Kapoor N** (2018) Characterization of genetic diversity of wild pomegranate collected from Himachal Pradesh, India. **Annals of Plant Sciences** 7.2: 2042-2046.