

Publications

Research/review articles

1. Verma, S., Rizvi, S., Abbas, M., Raza, T., & Mahdi, F. (2019). Personalized medicine- future of diagnosis and management of T2DM. *Diabetes & metabolic syndrome*, 13(4), 2425-2430. **(Impact Factor: 3.4)**
2. Khan, M. I., Rahman, H., Raza, S. T., Abbas, M., & Rizvi, S. (2019). A Comparative Study between Ancient Unani method with the Modern Laboratory-based Method (HLS) of Urinalysis. *Canad J Clin Nutr*, 7(1), 67-77. **(Impact Factor: 0.1)**
3. Singh SP Khan MA, Rahman H, Raza ST, Abbas M. (2019). The Use of Ancient Unani Method and the Modern Laboratory-based Method of Stool Analysis in Chronic Liver Disease Patients: A Comparative Study. *Canad J Clin Nutr*, 7(1), 89-99. **(Impact Factor: 0.1)**
4. Khan, M. A., Rahman, H., Raza, S. T., Abbas, M., & Singh, S. P. (2019). A Comparative Study between Ancient Unani Method with the Modern Laboratory-based Method of Stool Analysis in Chronic Liver Disease Patients. *Canad J Clin Nutr*, 7(1), 89-99. **(Impact Factor: 0.1)**
5. Srivastava, M. R., Mahdi, F., Mahdi, A. A., Ahmad, S., & Chandra, A. (2019). Biological effects of c-peptide and proinsulin: we jibe together. *Era's Journal of Medical Research*, 6(1), 103-109. **(Impact Factor: NA)**
6. Eba, A., Raza, S. T., Abbas, M., Rizvi, S., Rajput, M., & Mahdi, F. (2019). Association of SDF1 β (G801A) and GNB3 (C825T) polymorphisms with the incidence and severity of coronary artery disease. *British Journal of Biomedical Science*, 76(1), 49-51. **(Impact Factor: 2.43)**
7. Abbas, S. A. N., Raza, S. T., Mir, S. S., Siddiqi, Z., Zaidi, A., Zaidi, Z., & Mahdi, F. (2019). Association of variants rs7903146 and rs290487 of TCF7L2 gene with diabetic nephropathy and co-morbidities (hypertension and dyslipidemia) in type 2 diabetes mellitus. *Meta Gene*, 20, 100561. **(Impact Factor: NA)**
8. Fatima, K., Mahdi, F., Afreen, S., & Raza, S. T. (2019). A comprehensive review on the role of cell growth and apoptotic genes towards the progression of CML. *Era's Journal of Medical Research*, 6(2), 119-123. **(Impact Factor: NA)**
9. Rizvi, S., Mohd, S., Alam, R., Khan, S., Verma, J., & Mahdi, F. (2019). A study on glycated hemoglobin in relation to serum alkaline phosphatase, c reactive protein and

lipid profile in type ii diabetes mellitus. *Era's Journal of Medical Research*, 6(2).
(Impact Factor: NA)

10. Anwer, E., Kumar, V., Ahmad, S., Mahdi, F., Gogoi, S., & Farheen, Z. (2019). Association of anthropometric measurements with impairment of blood biochemistry analytes in obese subjects from different socio-economic status. *Era's Journal of Medical Research*, 6(2). **(Impact Factor: NA)**
11. Kumar, V., Trivedi, A., Misra, A., Jafri, T. R., Mahdi, F., & Mahdi, A. A. (2019). Comparative phytochemical investigation, antioxidant, anticancer and DNA cleavage activity of different kadam extracts on cancer and non cancer cell lines. *Era's Journal of Medical Research*, 6(2). **(Impact Factor: NA)**
12. Zaidi, A., Singh, S. P., Raza, S. T., & Mahdi, F. (2019). Role of HBA1C in the diagnosis of patients with diabetes mellitus. *Era's Journal of Medical Research*, 6(2). **(Impact Factor: NA)**
13. Abbas, S., Raza, S. T., S. Mir, S., Siddiqi, Z., & Mahdi, F. (2019). No association of SNP 313A→ G in GSTP1 with nephropathy, hypertension and dyslipidemia in type 2 diabetes mellitus. *British Journal of Biomedical Science*, 76(3), 153-155. **(Impact Factor: 2.43)**
14. Rizvi, S., Raza, S. T., Rahman, Q., Eba, A., Zaidi, Z. H., & Mahdi, F. (2019). Association of endothelial nitric oxide synthase (eNOS) and norepinephrine transporter (NET) genes polymorphism with type 2 diabetes mellitus. *Molecular Biology Reports*, 46, 5433-5441. **(Impact Factor: 2.8)**
15. Verma, S., Abbas, M., Verma, S., Raza, S. T., & Mahdi, F. (2020). The 2019 novel pandemic of coronavirus disease (COVID-19): a study of existing evidence in the Indian population. *Era's Journal of Medical Research*, 7(2), 199-204. **(Impact Factor: NA)**
16. Rizvi, S. M. S., Mahdi, F., Mahdi, A. A., Jafar, T., & Rizvi, S. (2020). Personalized medicine: role of asymmetric dimethylarginine as a predictive marker of CAD. *Era's Journal of Medical Research*, 7(1), 86-91. **(Impact Factor: NA)**
17. Fatima, K., Raza, S. T., Eba, A., Srivastava, S., & Mahdi, F. (2020). A review on the role of tyrosine kinase inhibitors available for the management of chronic myeloid leukemia. *Era's Journal of Medical Research*, 7(2), 205-211. **(Impact Factor: NA)**
18. Mahdi, F., Jaiswal, S., & Dandekar, S. (2020). Fostering health professional students' wellbeing during COVID-19 lockdown. *MedEdPublish*, 9, 248. **(Impact Factor: NA)**

19. Verma, S., Abbas, M., Verma, S., Khan, F. H., Raza, S. T., Siddiqui, Z., ... & Mahdi, F. (2021). Impact of I/D polymorphism of angiotensin-converting enzyme 1 (ACE1) gene on the severity of COVID-19 patients. *Infection, Genetics and Evolution*, 91, 104801. **(Impact Factor: 2.6)**
20. Verma, S., Srivastava, N., & Banerjee, M. (2021). Genetic polymorphisms in TCF7L2 and PPARG genes and susceptibility to Type 2 diabetes mellitus. *Meta Gene*, 28, 100864. **(Impact Factor: NA)**
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22. Verma, S., Abbas, M., Verma, S., Khan, A., Rizvi, A. A., & Mahdi, F. (2021). Effectiveness of Blood Pressure and Body Temperature Screening for Severity in COVID-19 Patients. *Journal of Microbiology and Infectious Diseases*, 11(03), 147-151. **(Impact Factor: NA)**
23. Abbas, M., Mehdi, A., Khan, F. H., Verma, S., Ahmad, A., Khatoon, F., ... & Mahdi, F. (2021). Role of miRNAs in cervical cancer: a comprehensive novel approach from pathogenesis to therapy. *Journal of Gynecology Obstetrics and Human Reproduction*, 50(9), 102159. **(Impact Factor: 1.6)**
24. Verma, S., Abbas, M., Verma, S., Rizvi, A. A., Khan, A., Raza, S. T., & Mahdi, F. (2021). Risk of mucormycosis in covid-19 patients: A review. *Era's Journal of Medical Research*, 8(2), 199-203. **(Impact Factor: NA)**
25. Ansari, O., Mahdi, F., Jafar, T., & Ahmad, I. (2021). Personalized medicine future perspective approach for the diagnosis of tuberculosis. *Era's Journal of Medical Research*, 8(2), 167-173. **(Impact Factor: NA)**
26. Siddiqui, S., Zia, Q., Abbas, M., Verma, S., Jafri, A., Misra, D., ... & Arshad, M. (2021). Antiproliferative activity of *Cissus quadrangularis* L. extract against human cervical cancer cells: in vitro and in silico analysis. *Anti-Cancer Agents in Medicinal Chemistry-Anti-Cancer Agents*, 21(18), 2536-2545. **(Impact Factor: 3.0)**
27. Abbas, M., Verma, S., Verma, S., Siddiqui, S., Khan, F. H., Raza, S. T., ... & Mahdi, F. (2021). Association of GSTM1 and GSTT1 gene polymorphisms with COVID-19 susceptibility and its outcome. *Journal of Medical Virology*, 93(9), 5446-5451. **(Impact Factor: 4.6)**
28. Mahdi, R. A., Ahmad, I., Jilani, T., Ansari, J. A., Mahdi, F., Mahdi, A. A., & Jafar, T. (2021). Dopamine Gene Polymorphism, Biochemical and Oxidative Stress

- Parameters in Geriatric Population with and Without Depression: A Pilot Study. *Indian Journal of Clinical Biochemistry*, 1-8. **(Impact Factor: 1.6)**
29. Shoeb, F., Hussain, I., Afrin, G., Mufti, S. T., Jafar, T., Raza, S. T., & Mahdi, F. (2021). Hyperinflammatory conditions, gender differences and mortality in Indian COVID-19 patients. *medRxiv*, 2021-01. **(Preprint)**
30. Rizvi, S., Srivastava, S., Raza, S. T., Ahmad, J., & Mahdi, F. (2021). A path to effective e-learning in medical education: barriers and their solution. *Era's Journal of Medical Research*, 8(2). **(Impact Factor: NA)**
31. Fatima, K., Raza, S. T., Srivastava, S., & Mahdi, F. (2021). Review on structure, pathogenicity, transmissibility and epidemiology of human pathogenic coronaviruses. *Era's Journal of Medical Research*, 8(2). **(Impact Factor: NA)**
32. Fatima, G., Bhatt, D., Idrees, J., Khalid, B., & Mahdi, F. (2021). Elucidating post-COVID-19 manifestations in India. *MedRxiv*, 2021-07. **(Preprint)**
33. Raza, S. T., Singh, S. P., Rizvi, S., Zaidi, A., Srivastava, S., Hussain, A., & Mahdi, F. (2021). Association of eNOS (G894T, rs1799983) and KCNJ11 (E23K, rs5219) gene polymorphism with coronary artery disease in North Indian population. *African Health Sciences*, 21(3), 1163-1171. **(Impact Factor: 1.108)**
34. Abbas, M., Kushwaha, V. S., Srivastava, K., & Banerjee, M. (2022). Understanding role of DNA repair and cytochrome p-450 gene polymorphisms in cervical cancer patient treated with concomitant chemoradiation. *British Journal of Biomedical Science*, 79, 10120. **(Impact Factor: 2.43)**
35. Verma, S., Verma, S., Abbas, M., Rizvi, A. A., Khan, A., Raza, S. T., & Mahdi, F. (2022). Role of personalized medicine in thyroid cancer: latest aspects. *Era's Journal of Medical Research*, 9(1). **(Impact Factor: NA)**
36. Rizvi, A. A., Abbas, M., Verma, S., Verma, S., Khan, A., Raza, S. T., & Mahdi, F. (2022). Determinants in tailoring antidiabetic therapies: a personalized approach. *Global Medical Genetics*, 9(02), 063-071. **(Impact Factor: NA)**
37. Khan, A., Abbas, M., Verma, S., Verma, S., Rizvi, A. A., Haider, F., ... & Mahdi, F. (2022). Genetic variants and drug efficacy in tuberculosis: a step toward personalized therapy. *Global Medical Genetics*, 9(02), 090-096. **(Impact Factor: NA)**
38. Rizvi, S., Rizvi, S. M. S., Raza, S. T., Abbas, M., Fatima, K., Zaidi, Z. H., & Mahdi, F. (2022). Implication of single nucleotide polymorphisms in Interleukin-10 gene (rs1800896 and rs1800872) with severity of COVID-19. *Egyptian Journal of Medical Human Genetics*, 23(1), 145. **(Impact Factor: 1.1)**

39. Parvez, S., Fatima, G., Mahdi, F., Fedacko, J., & Hadi, N. R. (2022). Unraveling the clinico-genetic association of catechol-O-methyltransferase-rs4680 G> A gene polymorphism in women with fibromyalgia syndrome. *Wiadomości Lekarskie monthly journal*, 75(10), 2439-2444. **(Impact Factor: NA)**
40. Fatima, G., & Mahdi, F. (2022). Personalized Medicine: A Novel Approach for the Management of Hypertension. *World Heart Journal*, 14(2), 169-174. **(Impact Factor: NA)**
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45. Parvez, S., Fatima, G., Khan, M. M., Mahdi, F., Fedacko, J., & Hadi, N. R. (2022). Association of serotonin gene (5-HTTLPR & 5-HTTVNTR) polymorphism with Fibromyalgia Syndrome in North Indian Women. **(Preprint)**
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50. Husain, I., Ahmad, R., Siddiqui, S., Chandra, A., Misra, A., Srivastava, A., ... & Mahdi, F. (2022). Structural interactions of phytoconstituent (s) from cinnamon, bay leaf, oregano, and parsley with SARS-CoV-2 nucleocapsid protein: A comparative assessment for development of potential antiviral nutraceuticals. *Journal of food biochemistry*, 46(10), e14262. **(Impact Factor: 4.2)**
51. Shoeb, F., Mahdi, F., & Hussain, I. (2022). Gender Differences Associated with Hyper-Inflammatory Conditions in COVID-19 Patients Comment. *AGING AND DISEASE*. **(Impact Factor: 6.9)**
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55. Verma, S., Verma, S., Abbas, M., & Mahdi, F. (2023). Combating the antimicrobial resistance by personalized medicine: a mini-review. *Era's Journal of Medical Research*, 10(1). **(Impact Factor: NA)**
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57. Raza, S. T., Rizvi, S., Afreen, S., Srivastava, S., Siddiqui, Z., Fatima, N., ... & Mahdi, F. (2023). Association of the circulating micro-RNAs with susceptible and newly

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63. Verma, S., Verma, S., Afreen, S., Siddiqi, Z., Khan, F. H., Abbas, M., & Mahdi, F. (2024). Impact of interleukin-1 gene polymorphisms on the severity of COVID-19. *Human Gene*, 41, 201303. **(Impact factor: 0.7)**
64. Eba, A., Raza, S. T., Wani, I. A., Siddiqi, Z., Abbas, M., Srivastava, S., & Mahdi, F. (2024). cxsAssociation study between single nucleotide polymorphism in thrombospondins THBS1 gene and THBS2 gene and coronary artery disease in Indian population. *Egyptian Journal of Medical Human Genetics*, 25(1), 26. **(Impact Factor: 1.1)**
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69. Raza, S. T., Eba, S. A., Fatima, N., Srivastava, S. S., Khan, S. F., & Mahdi, F. (2024). Association of thrombotic genes polymorphism with coronary artery disease. *Atherosclerosis*, 399, 118791. **(Impact Factor: NA)**
70. Ansari, A. I., Abbas, M., Rizvi, A. A., Afreen, S., Verma, S., Mehdi, M., ... & Mahdi, F. (2025). Patient Outcomes and Healthcare Practices Before and After COVID-19 Vaccination: A Comprehensive Analysis. *Coronaviruses*, 6(2), e060524229709. **(Impact Factor: NA)**
71. Verma, S., Verma, S., Siddiqi, Z., Raza, S. T., Faruqi, T., Ansari, A. I., ... & Mahdi, F. (2025). Association of VDR and TMPRSS2 gene polymorphisms with COVID-19 severity: a computational and clinical study. *Molecular Biology Reports*, 52(1), 327. **(Impact Factor: 2.8)**
72. Rizvi, A. A., Verma, S., Abbas, M., Afreen, S., Ansari, A. I., Verma, S., ... & Mahdi, F. (2025). Association of OCT1 (rs628031) With COVID-19 Severity in Diabetic Individuals. *Journal of Academy of Biomedical Sciences*, 1(2), 60–65. **(Impact Factor: NA)**
73. Rizvi, S. S., Mahdi, F., Dwivedi, J., Mir, B. A., Zaidi, Z. H., Rajasekaran, N. S., ... & Soorappan, R. N. (2025). Association of NOS3 (rs1799983) and DDAH2 (rs805305) Gene Polymorphisms With Coronary Artery Disease in the Northern Indian Cohort. *Cureus*, 17(2). **(Impact factor: 1.3)**
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75. Eba, A., Raza, S. T., Ahmad, B., Afreen, S., Srivastava, S., Mahdi, F., & Nag, R. (2025). Association of CCR2 and AGT gene variants with lipid profiles and cardiovascular risk factors in coronary artery disease patients. *Egyptian Journal of Medical Human Genetics*, 26(1), 74. **(Impact Factor: 1.1)**

76. Eba, A., Raza, S. T., Wani, I. A., Ahmad, B., Abbas, M., Siddiqi, Z., ... & Mahdi, F. (2025). Association of APOB (rs515135) and PCSK9 (rs505151) gene polymorphisms with CAD in the Indian population. *Biomarkers in Medicine*, 1-7. **(Impact Factor: 2.1)**
77. Faruqui, T., Akhtar, A., Showket, F., Dar, M. J., & Akhter, Y. (2025). Identification and Evaluation of IGF1R and Its Associated Proteins as Targets and Design of Novel Inhibitors for Cancer Therapy. *Journal of Cellular Biochemistry*, 126(3), e70008. **(Impact Factor: 2.8)**
78. Khanam, S., Mishra, P., Faruqui, T., Alam, P., Albalawi, T., Siddiqui, F., Rafi, Z., & Khan, S. (2025). Plant-based secondary metabolites as natural remedies: a comprehensive review on terpenes and their therapeutic applications. *Frontiers in pharmacology*, 16, 1587215. <https://doi.org/10.3389/fphar.2025.1587215> **(Impact Factor: 4.8)**

Book chapters

1. Verma S, Verma S, Abbas M, Mahdi F. (2024) Antimicrobial Resistance: Mechanisms, Impact, and Strategies for Mitigation. Chapter 6, Page No. 55-68. ISBN: 978-93-95847-33-9, *Prescriptions for Progress: Advancements in Pharma and Health Science*. Bhumi Publishing, Nigave Khalasa, Tal – Karveer, Dist – Kolhapur, Maharashtra, India-416 207
2. Mahdi, F., Dandekar, S., & Rege, N. (2024). Academic Leadership. *In Global Medical Education in Normal and Challenging Times* (pp. 205-212). Cham: Springer Nature Switzerland.
3. Supe, A., Dandekar, S., Rege, N., & Mahdi, F. (2024). Self-Directed Learning. *In Global Medical Education in Normal and Challenging Times* (pp. 69-80). Cham: Springer Nature Switzerland.
4. Mahdi, F., Rege, N., & Dandekar, S. (2024). Mentoring During Routine and Difficult Times. *In Global Medical Education in Normal and Challenging Times* (pp. 13-23). Cham: Springer Nature Switzerland.
5. Mahdi, F., & Mahdi, A. A. (Eds.). (2024). Precision Medicine and Human Health. Bentham Science Publishers.
6. Verma, S., Abbas, M., Talwar, A., Anand, S., Nayyar, A., Fatima, F., & Zahera, M. (2024). Potent inflammatory biomarkers in insulin resistance. Chapter 12, Page no 231-250. ISBN 978-0-443-13195-0. *In Biochemical Immunology of Diabetes and*

Associated Complications (pp. 231-250). Academic Press.

<https://doi.org/10.1016/C2022-0-02117-6>

7. Verma S, Verma S, Abbas M, Mahdi F. (2025) Association of Sars-Cov-2 with Gut Microbiome. *Microbiome and Human Health*. Chapter 5, Page No. 171, ISBN: 978-1-0364-1870-0, ISBN (Ebook): 978-1-0364-1871-7. Cambridge Scholars Publishing. Lady Stephenson Library, Newcastle upon Tyne, NE6 2PA, UK.
8. Maurya J, Abbas M, Charles MR, Mahdi F. (2025) Role of Gut Microbiota in Osteoarthritis. *Microbiome and Human Health*. Chapter 6, Page No. 205, ISBN: 978-1-0364-1870-0, ISBN (Ebook): 978-1-0364-1871-7. Cambridge Scholars Publishing. Lady Stephenson Library, Newcastle upon Tyne, NE6 2PA, UK.
9. Mehdi M, Verma S, Abbas M, Mahdi F. (2025) Role of Gut Microbiome in Cardiovascular Diseases. *Microbiome and Human Health*. Chapter 7, Page No. 228, ISBN: 978-1-0364-1870-0, ISBN (Ebook): 978-1-0364-1871-7. Cambridge Scholars Publishing. Lady Stephenson Library, Newcastle upon Tyne, NE6 2PA, UK.
10. Ansari AI, Abbas M, Verma S, Mahdi F. (2025) Involvement of Microbiome in Cancer and its Management. *Microbiome and Human Health*. Chapter 19, Page No. 631, ISBN: 978-1-0364-1870-0, ISBN (Ebook): 978-1-0364-1871-7. Cambridge Scholars Publishing. Lady Stephenson Library, Newcastle upon Tyne, NE6 2PA, UK.
11. Rizvi AA, Abbas M, Verma S, Mahdi F. (2025) Microbiome in Diabetic Patients and their Management. *Microbiome and Human Health*. Chapter 20, Page No. 655, ISBN: 978-1-0364-1870-0, ISBN (Ebook): 978-1-0364-1871-7. Cambridge Scholars Publishing. Lady Stephenson Library, Newcastle upon Tyne, NE6 2PA, UK.
12. Saliha Rizvi, Sanchita Srivastava, Haider Ali Rizvi, Rizwan Askari, Syed Tasleem Raza, Farzana Mahdi. (2025) Epidemiology and Risk Factors of Colorectal Cancer. Pages. 12, eBook ISBN9781032704517, *Colorectal Cancer*, CRC Press.
13. Rizvi, S., Fatima, N., Khan, F., Raza, S. T., Rashid, G., & Mahdi, F. (2025). Genetic Mutations and Inherited Syndromes. In *Colorectal Cancer* (pp. 38-50). CRC Press.