

Research Interests

- Human Genetics
- Type II Diabetes
- Metabolic Disorders
- Personalized Medicine
- Molecular Biology
- Genetic Expression Analysis & Polymorphism Analysis

Publications

1. Mishra G, Siddiqi Z, Fatima J, Raza ST, **Rizvi S**, Sajid S, Salman M. Association of polymorphism in *COL4A1(rs 565470)* gene with the risk of diabetic nephropathy in North India Canadian Journal of Clinical Nutrition. 2021; 9(1): 4-15.
2. Rizvi SMS, Mahdi F, Mahdi AA, Jafar T, **Rizvi S**. Personalized Medicine: Role Of Asymmetric Dimethylarginine As A Predictive Marker Of CAD. Era J. Med. Res. 2020; 7(1): 86-91.
3. Khan MA, Rahman H, Raza ST, Abbas M, **Rizvi S**. A Comparative Study between Ancient Unani method with the Modern Laboratory-based Method of Urinalysis. The Canadian Journal of Clinical Nutrition. 2019; 7(1):67-77.
4. Zaidi A, Raza ST, **Rizvi S**, Mahdi F. The Biological Effect of Nutrition on Human Health. The Canadian Journal of Clinical Nutrition. 2020; 8(1):113-129.
5. Fatima N, Srivastava AN, Nigam J, Raza ST, **Rizvi S**, Siddiqui Z, Kumar V. Low Expression of MicroRNA335-5p Is Associated with Malignant Behavior of Gallbladder Cancer: A Clinicopathological Study. Asian Pac J Cancer Prev. 2019; 20(6):1895-1900.
6. Verma S, **Rizvi S**, Abbas M, Raza ST, Mahdi F. Personalized medicine- future of diagnosis and management of T2DM. 2019. Diabetes and Metabolism: Clinical Research and Reviews. 2019; 13(4):2425-2430.
7. Eba A, Raza ST, Abbas M, **Rizvi S**, Rajput M, Mahdi F. Association of SDF1 β (G801A) and GNB3 (C825T) polymorphisms with the incidence and severity of coronary artery disease. British journal of biomedical science. 2019. 76(1): 49-51.
8. **Rizvi S**, Raza ST, Mahdi F, Singh SP, Rajput M, Rahman Q. Genetic polymorphisms in KCNJ11 (E23K, rs5219) and SDF - 1 β (G801A, rs1801157) genes are associated with the risk of type 2 diabetes mellitus. British Journal of Biomedical Science. 2018. 75(3): 139-144.
9. Raza ST, Abbas S, Eba A, Karim F, Wani IA, **Rizvi S**, Zaidi A, Mahdi F. Association of *COL4A1 (rs605143, rs565470)* and *CD14 (rs2569190)* genes polymorphism with coronary artery disease. **Mol Cell Biochem**. 2018; 445(1-2):117-122.
10. **Rizvi S**, Raza ST, Rahman Q, Mahdi F, Zaidi ZH & Zaidi A. Mutation in the beta3 subunit of Guanine nucleotide-binding protein (GNB3) gene is not associated with

Type II diabetes mellitus risk: a case-control study of a North Indian population. **Biomarkers**. 2017. 22(8): 782-789.

11. **Rizvi S**, Raza ST, Mehdi SR, Siddiqi Z, Eba A & Mahdi F. The relationship between *Multidrug Resistance Protein 1 (rs1045642)* and *Cholesterol 24-hydroxylase (rs754203)* genes polymorphism with type 2 diabetes mellitus. **British Journal of Biomedical Science**. 2017; 74(1):30-35.
12. **Rizvi S**, Raza ST, Rahman Q, Mahdi F. Role of GNB3, NET, KCNJ11, TCF7L2 and GRL genes single nucleotide polymorphism in the risk prediction of type 2 diabetes mellitus. **3 Biotech**. 2016; 6:255.
13. Chandra A, Abbas S, Raza ST, Singh L, **Rizvi S**, Mahdi F. Polymorphism of CYP46A1 and PPAR γ 2 Genes in Risk Prediction of Primary Open Angle Glaucoma Among North Indian Population. **Middle East Afr J Ophthalmol** 2016; 23:172-6.
14. Bhargava A, Shakeel M, Srivastava AN, Raza TS, **Rizvi S**, Varshney P. Role of human papilloma virus in oral leukoplakia. *Indian Jr of cancer*. 2016; 53(1):206-209.
15. Raza ST, **Rizvi S**, Singh L, Abbas S, Zaidi ZH, Mahdi F. PPAR- γ and CYP46A1 genes polymorphism is associated with Primary Open Angle Glaucoma (POAG) in hypertensive North Indians. **Egyptian journal of medical human genetics**. 2017; 18(2): 121-127.
16. **Rizvi S**, Raza ST, Mahdi F. An insight to RNA interference based gene silencing. **EJMR**. 2016; 2(1): 42-51.
17. Eba A, Raza ST, **Rizvi S**, Mahdi F. Micro-RNA's and their role in the pathogenesis of cervical cancer. **Middle East Journal of Cancer**. 2016; 7(4): 175-184.
18. Mahdi F, Raza ST, **Rizvi S**, Abbas S, Karoli R. Distribution of genetic polymorphisms in drug metabolizing gene Cytochrome P450 (CYP2C8*3 and CYP2C9*2) in a North Indian type 2 diabetes population. **Exploratory Research and Hypothesis in Medicine**. 2016: 42-46.
19. **Rizvi S**, Raza ST, Singh L, Abbas S, Mahdi F. No association between GSTT1/M1 polymorphism in Glutathione S-Transferase (GST) gene with cataract in hypertensive patients from north India. **EJMR**. 2016; 3(1): 5-9.
20. **Rizvi S**, Raza ST, Siddiqi Z, Abbas S, and Mahdi F. Association of Angiotensin-Converting Enzyme and Glutathione S-Transferase Gene Polymorphisms with Body Mass Index among Hypertensive North Indians. **Sultan Qaboos Univ Med J**. 2015; 15(4):e477-e485.
21. Raza ST, Abbas S, Chandra A, Singh L, **Rizvi S**, Mahdi F. Association of angiotensin-converting enzyme, CYP46A1 genes polymorphism with senile cataract. **Oman Journal of Ophthalmology**. 2017; 10(1):21.
22. **Rizvi S**, Raza ST, Faisal A, Absar A, Shania A, Farzana M. Vitamin E and its role in Human Health and some diseases. **Sultan Qaboos University Med J**. 2014. 14(2): e157-165.

23. Abbas S, Raza ST, Chandra A, Singh L, **Rizvi S**, Eba A, Ahmed F, Mahdi F. Polymorphism of FABP2 and PPARG2 genes in risk prediction of cataract among North Indian population. **Meta Gene**. 2014; 2:307–313.
24. Chandra A, Raza ST, Abbas S, Singh L, **Rizvi S**, Ahmed F, Eba A, and Mahdi F. Polymorphism of GST and FTO Genes in Risk Prediction of Cataract among a North Indian Population. **Ophthalmic Genetics**. 2014. 1–6.
25. **Rizvi S**, Raza ST, Mahdi F. Association of genetic variants with diabetic nephropathy. **World Journal of Diabetes**. 2014. 15;5(6):809-16
26. Abbas S, Raza ST, Chandra A, Mahdi F, Ahmed F, Eba A, **Rizvi S**. Association of ACE, FABP-2 and GST genes polymorphism on Essential Hypertension risk among North Indian population. **Annals of Human Biology**. 2014; 30:1-9.
27. **Rizvi S**, Raza ST and Mahdi F. Telomere Length Variations in Aging and Age-Related Diseases. **Current Aging Science**. 2014. 7(3): 161-167.
28. Abbas S, Raza ST, Ahmed F, Ahmad A, **Rizvi S** and Mahdi F. Association of Genetic polymorphism of PPAR γ -2, ACE, MTHFR, FABP-2 and FTO genes in risk prediction of type 2 diabetes mellitus. **Journal of Biomedical Science**. 2013. 20:80.