

List of Publications

Papers

1. Nairuz T, Mahmud Z, Manik RK, **Kabir Y** (2022). Cancer stem cells: an insight into the development of metastatic tumors and therapy resistance. *Stem Cell Reviews and Reports* (Accepted).
2. Rahman MM, Nawfal T, Khabir FA, Hosen MB, **Kabir Y**, Howlader MZH. Impact of Vitamin D binding protein (GC) and vitamin D receptor (VDR) gene polymorphism on serum 25-hydroxyvitamin D level and the risk of developing preeclampsia in Bangladesh. *Journal of Genetics* (Submitted).
3. Nessa A, Rahman MM, Rahman MT, **Kabir Y** (2022). Association of NAT2, GSTT1, and GSTM1 gene polymorphisms with prostate cancer risk in Bangladeshi population. *Gene* 868:147368. doi: 10.1016/j.gene.2023.147368. Online ahead of print.
4. Tasdika TE, Choudhury N, Hossain QMI, **Kabir Y** (2022). Association of glutathione S-transferase M1 and T1 polymorphisms on the susceptibility of diabetic retinopathy in the Bangladeshi population. *J Diabetes Metab Disord*. <https://doi.org/10.1007/s40200-022-01142-9>
5. Nesa A, Rahman TM, **Kabir Y** (2022). Assessment of lipid peroxidation and antioxidant status in a sample of prostate cancer patients of Bangladeshi population. *Bangladesh Medical Res Counc Bull* 48(1), 22-26.
6. Al Mamun NMA, Quyyum SA, Bashar K, **Kabir Y**, Rahman M, Islam MMT (2022). Comparison of different blood biomarkers of cervical cancer patients with control subjects. *J Bangladesh Acad Sci* 46(1); 117-128:
7. Mahmud Z, Rahman A, Mishu ID, **Kabir Y** (2022). Mechanistic insights into the interplays between neutrophils and other immune cells in cancer development and progression. *Cancer and Metastasis Rev* 41, 405-432. <https://doi.org/10.1007/s10555-022-10024-8>. IF: 9.264
8. Mohiuddin M, Rokeya B, Al-Shoeb MA, **Kabir Y** (2022). Sodium benzoate in locally available soft drinks and its effect on DNA damage and liver function in rats. *Dhaka Univ J Biol Sci* 30(3), 371-383.
9. Nairuz T, Bushra MU, **Kabir Y** (2021). Effect of XPD and TP53 polymorphisms on the risk of platinum-based chemotherapy induced toxicity in Bangladeshi lung cancer patients. *Asian Pac J Cancer Prev* 22(12), 3809-3815. **IF: 2.514**
10. Hosen MB, Khaleque N, Chakrabarty S, Mahtab MA, **Kabir Y** (2021). MDM2 (T309G) gene polymorphism determines the susceptibility of hepatocellular carcinoma in Bangladesh. *Asian Pac J Cancer Biol* 6(3), 213-217. IF: 2.514. **IF: 1.534**
11. Chatterjee D, Chowdhury UF, Shohan MUS, Mohasin M, **Kabir Y** (2021). *In-silico* predictions of deleterious SNPs in Human ephrin type-A receptor 3 (EPHA3) gene. *Inform Med Unlocked* 26, 100728. **IF: 3.373**
12. Shawon J, Rahman MM, Nahar Z, **Kabir Y** (2021). Glutathione S-transferase (M1 and T1) and Angiotensin-converting enzyme gene polymorphisms and chronic kidney disease in Bangladeshi population. *Meta Gene* 30, 100981. **IF: 0.78**
13. Sultana T, Akter A, Zohra FT, Rahman MQ, **Kabir Y** (2021). Serum zinc and vitamin E levels in Bangladeshi acne patients. *J Bangladesh Acad Sci* 45(1), 49-58.
14. Hasan MK, Ara I, Mondal MSA, **Kabir Y** (2021) Phytochemistry, pharmacological activity, and potential health benefits of *Glycyrrhiza glabra*. *Heliyon* 7, e07240.

15. Alauddin M, Afroza Sultana A, **Kabir Y** (2021). Exploring the nutritional genomics potentiality of nutraceutical in preventing the risk of cancer and metabolic syndrome. *Cancer Plus* 3(2), 1-18.
16. Bappy SS, Shibly AZ, Sultana S, Mohiuddin AKM, **Kabir Y** (2021). Designing potential siRNA molecule for the nucleocapsid (N) gene silencing of different SARS-CoV-2 strains of Bangladesh: Computational approach. *Comput Biol Chem* 92, 107486. doi:<https://doi.org/10.1016/j.compbiolchem.2021>.
17. Sonia JA, Kabir T, Islam MMT, **Kabir Y** (2021). Catechol-O-methyltransferase and dopamine receptor D4 gene variants: possible association with substance abuse in Bangladeshi male. *PLoS ONE* 16(2): e0246462. <https://doi.org/10.1371/journal.pone.0246462>. **IF: 3.752**
18. Hosen MB, Rahman MM, Zakir MZH, **Kabir Y** (2021). Assessment of angiotensin converting enzyme gene polymorphism in preeclampsia mothers of Bangladesh. *J Obstet Gynaecol* 41(7), 1032-1035. **IF: 1.25**
19. Rahman MM, Miah S, Tamanna S, Hosen MB, Akter T, Johra TH, **Kabir Y**, Howlader MZH (2020). Association of maternal vitamin D with neonatal vitamin D status and birth weight in urban population of Bangladesh: A cross sectional study. *Acta Sci Paediatr* 3(12), 19-26.
20. Siddiquee MA, Buffo RA, Chowdhury NH, **Kabir Y** (2020). Nutrient content of traditional and high-yielding varieties of rice grown in Bangladesh. *Ann Food Sci. Tech* (21(3), 614-622.
21. Sanyal M, Gomes RR, **Kabir Y**, Chakraborty S (2020). Patient risk stratification and demographic profile based on serum vitamin-D levels: A cross-sectional observational study. *J Intern Med.* 3(2), 04-11.
22. **Kabir Y**, Akasaka-Hashimoto Y, Kubota K, Komai M (2020). Volatile compounds of black cumin (*Nigella sativa* L.) seeds cultivated in Bangladesh and India. *Heliyon* 6, e05343 (6 pages).
23. Nessa MU, Rahman MA, **Kabir Y** (2020). Plant-produced monoclonal antibody as immunotherapy for cancer. *Biomed Res Int.* 2020: Article ID 3038564, 10 pages. <https://doi.org/10.1155/2020/3038564>.
24. Nairuz T, Rahman MM, Bushra MU, **Kabir Y** (2020). TP53 Arg72Pro and XPD Lys751Gln gene polymorphisms and risk of lung cancer in Bangladeshi patients. *Asian Pacific J Cancer Prev* 21(7), 2091-2098. **IF: 2.514**
25. Jannaty T, Raknuzzaman M, Masum ASMHA, Ara KJ, Ahmed MA, **Kabir Y** (2020). Nutrients composition in selected key foods of animal origin of Bangladesh. *Eur J Phar Med Res* 7(5), 42-51.
26. Tamanna N, **Kabir Y** (2020). Solid waste exposure effects on serum minerals, antioxidant vitamins and oxidative stress among waste pickers of Dhaka, Bangladesh. *Pharm Biosci J* 8(4), 16-20.
27. Hosen MB, Hasan MM, Hossain D, Rahman MM, Khanam J, Akter A, **Kabir Y**, Howlader MZH (2020). Association of angiotensin-converting enzyme and nitric oxide synthase genes polymorphisms with the risk of myocardial infarction in Bangladesh. *J Expt Clin Med* 37(4), 127-134.
28. Hosen MB, Abdullah ATM, Zakir MZH, **Kabir Y** (2020). Dietary exposure of heavy metals, minerals and trace elements through cereals commonly consumed by Dhaka city residents. *Curr Nutr Food Sci* 16 (5), 815-823.
29. Chakraborty S, Chakravorty R, Alam S, **Kabir Y**, Mahtab M, Islam MA, Yusuf MAK, Raihan R, Mahtab MA, Akbar SMF (2019). A dynamic mathematical modeling revelation about the impact of vaccination on hepatitis B virus-induced infection and death rate in Bangladesh. *Euroasian J Hepato-Gastroenterol* 92, 84-90.
30. Islam J, **Kabir Y** (2019). Measurement of DNA damage in bladder cancer patients by the alkaline comet assay. *Ann Urol Oncol* 2(2), 15-21.

31. Sultana T, Bin Manjur OH, Omar Md, **Kabir Y** (2019). HIV Landscape in Bangladesh and a comparison to the global context. *Int J AIDS Res* 6(2), 189-195.
32. **Kabir Y**, Shirakawa H, Komai M (2019). Nutritional composition of indigenous cultivar of black cumin seeds from Bangladesh. *Progress in Nutri* 21 (Suppl. 1), 428-434. **IF: 0.538**
33. Akther L, Rahman MM, Bhuiyan MES, Hosen MB, **Kabir Y** (2019). Association of Glutathione S-transferase theta 1 (GSTT1) and Glutathione S-transferase mu 1 (GSTM1) gene polymorphism with the risk of preeclampsia during pregnancy in Bangladesh. *J Obstet Gynaecol Res* 45(1), 113-118. **IF: 1.78**
34. Rahman MM, Hosen MB, Howlader MZH, **Kabir Y** (2019). Lead molecule prediction and characterization for designing MERS-CoV 3C-like protease inhibitors: an in silico approach. *Curr Computer-Aided Drug Design* 15(1), 82-88.
35. Hasan MM, Hosen MB, Rahman MM, Howlader MZH, **Kabir Y** (2019). Association of ATP Binding Cassette Transporter 1 (ABCA 1) Gene Polymorphism with Type 2 Diabetes mellitus (T2DM) in Bangladeshi Population. *Gene* 688, 151-154. **IF: 3.688**
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39. Rahman MM, Hosen MB, Faruk MO, Hasan MM, **Kabir Y**, Howlader MZH (2017). Association of vitamin D and vitamin D binding protein gene polymorphism with type 2 diabetes mellitus in Bangladesh. *Gene* 636, 42-47.
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43. Zafar TA, **Kabir Y** (2017). Chickpeas suppress postprandial blood glucose concentration and appetite and reduce energy intake at the next meal. *J Food Sci Technol* 54(4), 987-994.
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45. Sha FR, M. Moyeen Uddin PK, Sarkar MKI, Talukder RI, Siddique AH, Nahar K, Saiedullah M, **Kabir Y** (2016). Hepatitis B viremia in hepatitis B surface antigenemic patients in Bangladesh. *Am J Biomed Sci* 8(4), 288-296.
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47. Ahmad SM, Alam J, Afsar NA, Huda N, **Kabir Y**, Qadri F, Raqib R, Stephensen CB (2016). Comparisons of the effect of naturally acquired maternal pertussis antibodies and antenatal vaccination induced maternal tetanus antibodies on infant's antibody secreting lymphocyte responses and circulating plasma antibody levels. *Hum Vaccines Immunother* 12(4), 886-893.
48. Moyen Uddin PK, Alam SAA, Nisa MJ, Rahman MT, Eamen S, Islam MS, **Kabir Y**, Mannan MA (2016). Comparison of body mass index in the evaluation of overall obesity in Finnish and Bangladeshi undergraduate students aged 18-35 years: a pilot study. *Intl J Med Sci Public Health* 5(8), 1439-1446.
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54. Hosen MB, Islam MR, Begum F, **Kabir Y**, Howlader MZH (2015). Oxidative stress induced sperm DNA damage, a possible reason for male infertility. *Iran J Reprod Med* 13(9), 525-532.
55. Hosen MB, Salam MA, Islam MF, Hossain A, Howlader MZH, **Kabir Y** (2015). Association of p53 gene polymorphisms with susceptibility of bladder cancer in Bangladeshi population. *Tumor Biology* 36(8), 6369-6374.
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66. Hosen MB, Akhtar S, Hawlader ZH, Khan M, **Kabir Y** (2014). Composition and dietary exposure of heavy metals through vegetables commonly consumed by Dhaka city residents. Proceedings of the 1st Joint ACS AGFD – ACS ICSCT Symposium on Agricultural and Food Chemistry, March 4-5, Bangkok, Thailand, pp.280-287.
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Other Publication Activities

Written a number of popular scientific articles of general interest on **Health and Nutrition** in various Bengali and English daily News Papers to create awareness among the population.



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