

List of Publications

Papers

1. Ahmed HU, Hafiz A, Islam MMT, **Kabir Y** (2024). Exploring the relationship between genetic polymorphisms and cancer in the Bangladeshi population. *Cancer Invest. J.* (Submitted).
2. Nayeem J, Islam MMT, Deeba F, Selim S, Ali L, **Kabir Y** (2024) Insulin resistance and insulin secretory defect among Bangalee PCOS women: a case-control study. *J Endocrinol.* (Submitted).
3. Nafisa A, Islam MA, Hossain MM, **Kabir Y** (2024). Associations of DNA repair gene (XRCC1 and XPD) polymorphisms with clinical outcomes and risk of prostate cancer in Bangladeshi population. *Gene* (Submitted).
4. Nayeem J, Islam MMT, Deeba F, Rinki SS, Selim S, Kazal RK, **Kabir Y**, Ali L (2024). Phenotypic features of polycystic ovary syndrome and their covariates among Bangalee young adult females assessed by three major diagnostic guidelines. *Int J Endocrinol.* (Submitted)
5. Sultana H, Azmi IJ, Das SK, Akter M, Banik A, Mahmud S, **Kabir Y**, Faruque ASG, Talukder AH, Talukder KA (2023). Comparison of isolation and detection of Salmonella spp. using the conventional culture and PCR based method and their characterization. *Microbial Pathogenesis* (Submitted)
6. Nairuz T, **Kabir Y** (2023). Role of GSTM1 and GSTT1 gene polymorphisms on lung cancer susceptibility and effect on platinum-based chemotherapy-induced toxicity in Bangladeshi lung cancer patients. *J Cancer Epidemiol.* (Submitted)
7. Ayub A, Hasan MK, Mahmud Z, Hossain MS, **Kabir Y** (2023). Dissecting the multifaceted roles of autophagy in cancer initiation, growth, and metastasis: from molecular mechanisms to therapeutic applications. *Crit Rev Oncol./ Hematol.* (Submitted).
8. Bappy SS, Ahasan A, Sultana S, Khanam R, Shibly AZ, **Kabir Y** (2024). Virus-induced host cell metabolic alteration. *Rev Med Virol.* 2024: e2505. <https://doi.org/10.1002/rmv.2505> (Accepted)
9. Islam MA, Mubashshira S, Rahman MM, **Kabir Y** (2023). Contribution of ERCC2 rs13181 and rs1799793 polymorphisms to the risk of bladder cancer in Bangladesh. *J Oncol.* (Accepted).
10. Rahman MM, Nawfal T, Khabir FA, Hosen MB, Washif M, **Kabir Y**, Howlader MZH (2023). Impact of Vitamin D binding protein (GC) and vitamin D receptor (VDR) gene polymorphism on the risk of developing preeclampsia. *Biochem Biophys Rep.* 25: 101526.
11. Nairuz T, Mahmud Z, Manik RK, **Kabir Y** (2023). Cancer stem cells: an insight into the development of metastatic tumors and therapy resistance. *Stem Cell Rev and Rep.* <https://doi.org/10.1007/s12015-023-10529-x>.
12. Nessa A, Rahman MM, Rahman MT, **Kabir Y** (2023). 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.
13. 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.* 22, 325-332. <https://doi.org/10.1007/s40200-022-01142-9>.
14. 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.

15. Al Mamun NMA, Quyyum SA, Bashir 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:
16. 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>.
17. 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.
18. 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. doi: 10.31557/APJCP.2021.22.12.3809
19. 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. DOI 10.31557/APJCB.2021.6.3.213-217
20. 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.
21. Shawon J, Rahman MM, Nahar Z, **Kabir Y** (2021). Glutathione S -transferase (*MI* and *TI*) and Angiotensin-converting enzyme gene polymorphisms and chronic kidney disease in Bangladeshi population. *Meta Gene* 30, 100981. DOI:10.1016/j.mgene.2021.100981
22. 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.
23. Hasan MK, Ara I, Mondal MSA, **Kabir Y** (2021) Phytochemistry, pharmacological activity, and potential health benefits of *Glycyrrhiza glabra*. *Heliyon* 7, e07240.
24. Alauddin M, Sultana A, **Kabir Y** (2021). Potential of Nutraceutical in Preventing the Risk of Cancer and Metabolic Syndrome: From the Perspective of Nutritional Genomics. *Cancer Plus* 3(2), 12-27. DOI:10.18063/cp.v3i2.291
25. 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.2021.107486>.
26. 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>.
27. 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.
28. 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.
29. 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.

30. 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.
31. **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).
32. 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>.
33. 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.
34. 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.
35. 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.
36. 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.
37. 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.
38. 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.
39. 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.
40. 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.
41. **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.
42. 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.
43. 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.
44. 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.
45. Ahmed SM, Alam MJ, Khanam A, Rashid M, Islam S, **Kabir Y**, Raqib R, Steinhoff MC (2018). Vitamin A supplementation during pregnancy enhances pandemic H1N1 vaccine response in mothers, but enhancement of transplacental antibody transfer may depend on when mothers are vaccinated during pregnancy. *J Nutr* 148(12), 1968-1975.

46. Bhowmik A, Mossihuzzaman M, **Kabir Y**, Rokeya B (2018). Antihyperglycemic activity of *Swertia chirata* on nSTZ-T2DM rats: A chronic study. *J Pharmaceut Res Intl* 22(5): 1-11, 2018; Article no. JPRI.41878.
47. Hosen MB, Zubayer A, **Kabir Y**, Howlader MZH (2018). Rate of DNA damage in Bangladeshi preeclampsia patients. *Biojournal Sci Technol* 6, m180002.
48. 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.
49. Siddiquee MA, Jahan S, **Kabir Y**, Shozib HB (2017). BRRI Dhan31 generate elevated level of bioactive component, γ -aminobutyric acid (GABA) at pre-germinated brown rice condition. *Int J Scientific Res* 6(7), 4-6.
50. Jahan I, Ahammad RU, Farzana KS, Khalid MM, Islam MB, Rahman MI, Nahar S, **Kabir Y**, Mohmmad QD, Islam Z (2017). Tumor necrosis factor- α -863C/A polymorphism is associated with Guillain–Barre´ syndrome in Bangladesh. *J Neuroimmunol* 310, 46-50.
51. Rabbani MAG, Howlader MZH, **Kabir Y** (2017). Detection of multidrug resistant (MDR) bacteria in untreated waste water disposals of hospitals in Dhaka city, Bangladesh. *J Global Antimicrob Resist.* 10, 120-125.
52. 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.
53. Rakib M, Siddiquee MA, **Kabir Y** (2016). Combined effect of cadmium, chromium and lead upon accumulation of heavy metals in rice (*oryza sativa* L.) plant. *J Biodivers Conserv Bioresour Manag* 2(2), 13-19.
54. Sha FR, M. Moyen 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.
55. Bhowmik A, Mossihuzzaman M, **Kabir Y**, Rokeya B (2016). Glycemic, insulinemic, lipidemic and antioxidant status of nSTZ rats after chronic administration of *Cicer arietinum* extract. *Metabolomics (Los Angel)* 6: 179.
56. 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.
57. 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.
58. Ahmad SM, Hossain MB, Monirujjaman M, Islam S, Huda MN, **Kabir Y**, Raqib R, Lönnerdal BL. (2016). Maternal zinc supplementation improves hepatitis B antibody responses in infants but decreases plasma zinc level. *Eur J Nutr* 55(5), 1823-1829.
59. Taniya AJ, **Kabir Y**, Hoque MM (2016). Occurrence of emerging food borne pathogens in fast foods and its control by essential oils (EOs). *J Biodivers Conserv Bioresour Manag* 2(1), 19-28.
60. Moyen Uddin Pk, Roy T, Jabunnisa M, Islam MS, **Kabir Y**, Rahman MM, Absar N (2015). Scattering of Rubella IgG titer in cytomegalovirus IgG sero-positive adult women in Bangladesh. *Am J Virology* 4(1), 12-15.
61. Haque MM, **Kabir Y** (2015). Is diabetes increasing among ethnic people? *EC Diabetes Metab Res* 1.1, 1.

62. Moyen Uddin PK, Halim A, **Kabir Y** (2015). Risk factors of being acute hepatitis B surface antigenemia in Bangladeshi adult patients. *Am J Innov Res Appl Sci* 1(8), 274-279.
63. 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.
64. 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.
65. Ahmad SM, Hossain MI, Bergman P, **Kabir Y**, Raqib R (2015). The effect of postpartum vitamin A supplementation on breast milk immune regulators and infant immune functions: study protocol of a randomized, controlled trial. *Trials* 16, 129.
66. Hosen MB, Rabby MA, **Kabir Y**, Howlader MZH (2015). Oxidative stress and preeclampsia: during pregnancy and after delivery. *Am J Pharm Health Res* 3(2), 121-129.
67. Rabby A, Rasel AM, Islam TMM, **Kabir Y**, Islam MR (2015). Identifying antibiotics posing potential health risk: Microbial resistance scenario in Bangladesh. *Int J Med Health Sci* 4(1), 90-97.
68. Hosen MB, Islam J, Salam MA, Islam MF, Howlader MZH, **Kabir Y** (2015). N-acetyltransferase 2 gene polymorphism as a biomarker for susceptibility to bladder cancer in Bangladeshi population. *Asia-Pac J Clin Oncol* 11, 78-84.
69. Alam MJ, Rashid MM, **Kabir Y**, Raqib R, Ahmad SM (2015). On birth single dose live attenuated OPV and BCG vaccination induces gut cathelicidin LL37 responses at 6 weeks of age: A natural experiment. *Vaccine* 33(1), 18-21.
70. Nasir Uddin MM, Ahmed MU, Islam MS, Islam MS, Sayeed MSB, **Kabir Y**, Hasnat A (2014). Genetic polymorphisms of GSTM1, GSTP1 and GSTT1 genes and lung cancer susceptibility in the Bangladeshi population. *Asia-Pac J Trop Biomed* 4(12), 982-989.
71. Moyen Uddin PK, Rabby A, Nahar SMK, **Kabir Y**, Rahman M, Absar N (2014). Hepatitis B viral load (HBV-DNA) with age and sex stratifications in Bangladeshi people. *J Med Microb Diagn* 3, 144.
72. Hosen MB, Banna HA, **Kabir Y**, Hawlader MZH (2014). Association of maternal hypothyroidism with preeclampsia. *Biojournal Sci Tech* 1, 1-7.
73. Nesa A, Rahman MT, **Kabir Y**, Rupam FA (2014). Genetic polymorphism of NAT2 gene and its association with prostate cancer. *AKMMC J* 5(2), 39-42.
74. Gope PS, Dutta Ak, Makhnoon S, Siddiquee MA, **Kabir Y** (2014). Effect of solvent and extraction time on the antioxidant properties of *Citrus macroptera*. *Int J Drug Dev Res* 6(1), 28-35.
75. 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 ICSCCT Symposium on Agricultural and Food Chemistry, March 4-5, Bangkok, Thailand, pp.280-287.
76. Dutta AK, Gope PS, Banik S, Rahman MS, Makhnoon S, Siddiquee MA, **Kabir Y** (2013). Physicochemical, cooking and antioxidant properties of nine aromatic rice cultivars of Bangladesh. *Acta Aliment* 42(4), 552-564.
77. Moyen Uddin PK, Pervin R, Biswas S, Rahman M, Azim DA, Mia MR, **Kabir Y**, Absar N (2013). Sub-acute toxicity study of puffer fish toxin (pft), in swiss albino mice, extracted and purified from puffer fish *tetraodon cutcutia* collected from coastline of Bangladesh. *Int J Med Med Sci* 46(4), 1384-1390.
78. Dutta AK, Siddiquee MA, Hossain S, **Kabir Y** (2013). Finlay Green Tea possesses the highest *in vitro* antioxidant activity among the 20 commercially available tea brands of Bangladesh. *Malay J Pharm Sci* 11(2), 11-20.

79. **Kabir Y**, Zafar TA, Waslien C (2013). Relationship between perceived body image and recorded body mass index among Kuwaiti Female University Students. *Women Health* 53(7), 693-705.
80. Moyen Uddin PK, Pervin R, **Kabir Y**, Absar N (2013). Preliminary screening of secondary metabolites and brine shrimp lethality bioassay of warm-water extract of puffer fish organs tissues, *Tetraodon cutcutia*, available in Bangladesh. *J Biomed Pharma Res* 2(5), 14-18.
81. Islam MS, Ahmed MU, Sayeed MSB, Maruf AA, Mostofa AGM, Hussain SMA, **Kabir Y**, Daly AK, Hasnat A (2013). Lung cancer risk in relation to nicotinic acetylcholine receptor, CYP2A6 and CYP1A1 genotypes in the Bangladeshi population. *Clin Chim Acta* 416, 11-19.
82. Dutta AK, Gope PS, Makhnoon S, Rahman MS, Siddiquee MA, **Kabir Y** (2012). Effect of solvent extraction on phenolic content, antioxidant and α -amylase inhibition activities of *Swertia chirata*. *Int J Drug Dev Res* 4(4), 317-325.
83. Dutta AK, Makhnoon S, Gope PS, Siddiquee MA, **Kabir Y** (2012). Antioxidant properties of ten high yielding rice varieties of Bangladesh. *Asian Pac J Trop Biomed* 2(1), Suppl. S99-S103.
84. Talukder KA, Azmi IJ, Ahmed KA, Hossain MS, **Kabir Y**, Cravioto A, Sack DA, Nur-E-Kamal A (2012). Activation of p53/ATM-dependent DNA damage signaling pathway by shiga toxin in mammalian cells. *Microb Pathog* 52(6), 311-317.
85. Rahman MT, Mumu MA, **Kabir Y**, Choudhury MM, Saiedullah M (2012). Serum zinc level and prostatic lesion. *Mymensingh Med J* 21(4), 679-683.
86. Islam MM, **Kabir Y** (2011). Electronic health record database for modernizing healthcare and medical research in the perspective of Bangladesh. *Bang J Med Sci* 17(2), 171-175.
87. Zafar TA, **Kabir Y**, Ghazaii C (2011). Low glycemic index foods suppress glycemic response, appetite and food intake in young Kuwaiti females. *Kuwait J Sci Eng* 38, 111-123.
88. Islam MS, Islam MS, **Kabir Y** (2011). Association of C-reactive protein and uric acid with type 2 diabetes. *Dhaka Univ J Biol Sci* 20(2), 191-199.
89. Rahman MT, Mumu MA, **Kabir Y** (2011). Zinc and prostate cancer: A short review. *Bangladesh J Pathol* 26(1), 26-31.
90. Arif M, Islam MR, Waise TMZ, Hassan F, Mondal SI, **Kabir Y** (2010). DNA damage and plasma antioxidant indices in Bangladeshi type 2 diabetic patients. *Diab Metab* 36, 51-57.
91. **Kabir Y**, Shahjalal HM, Saleh F, Obaid MW (2010). Dietary pattern, nutritional status, anemia and anemia-related knowledge in urban adolescent college girls of Bangladesh. *J Pak Med Assoc* 60(8), 633-638.
92. **Kabir Y**, Khan MNI, Zafar TA (2010). Nutritional status and micronutrient deficiency in adolescents of rural Bangladesh: comparison between boys and girls. *Bangladesh J Med Sci* 16(2), 137-143.
93. Rahman MT, Mumu MA, **Kabir Y**, Choudhury ATMM, Khan MAM, Faisal MMH (2010). BRCA1 & BRCA2 and cancer association: a short review. *Bangladesh J Pathol* 25(2): 27-32.
94. Biebinger R, Zimmermann MB, Al-Hooti SN, Al-Hamed N, Al-Salem E, Zafar T, **Kabir Y**, Al-Obaid I, Petry N, Hurrell RF (2009). Efficacy of wheat-based biscuits fortified with microcapsules containing ferrous sulfate and potassium iodate or a new hydrogen-reduced elemental iron: a randomized, double-blind, controlled trial in Kuwaiti women. *Br J Nutr* 102(9), 1362-1369.
95. Arao M, Kimura S, **Kabir Y** (2009). Fundamental examination of the origins of “Wasanban” technology – focusing on traditional sugar production in Bangladesh. *Eating habits Sci Cult Environ* 2, 55-63.
96. Chakraborty S, Arif M, Waise TMZ, Nazin F, Hassan F, Faisal M, Kabir MF, Khan MMH, Mazumder MEH, **Kabir Y**, Smith MA (2009). A novel approach for predicting the evolutionary time of

- acquisition of foreign genes by bacteria: Application of codon usage analyses. *Biosci Hypoth* 2, 217-222.
97. Chakraborty S, Waise TMZ, Hassan F, **Kabir Y**, Smith MA, Arif A (2009). Assessment of the evolutionary origin and possibility of CRISIR-Cas (CASS) mediated RNA interference pathway in. *In Silico Biol* 9(4), 245-254.
 98. Arif M, Waise TMZ, Hassan F, Mazumder MEH, Rahman S, **Kabir Y** (2008). Dose-dependent effect of lead memory and serum acetyl cholinesterase activity in Sprague-Dawley rats. *Bangladesh J Med Sci* 14(2), 117-120.
 99. Nessa MU, Rahim TMA, **Kabir Y** (2008). Fatty acid profile of fast foods, traditional snacks and sweetmeats of Bangladesh. *Khulna Univ Stud* 9(1), 85-90.
 97. Arif M, **Kabir Y**, Hassan F, Waise TMZ, Mazumder MEH, Rahman S (2008). Increased DNA damage in blood cells of rat treated with lead as assessed by comet assay. *Bangladesh J Pharmacol* 3, 97-101.
 98. Farzana T, Bhuiyan MZH, Hossain A, **Kabir Y** (2008). Determination of germination period for the maximum production of amylase using whitish wheat of Bangladesh. *Dhaka Univ J Biol Sci* 17(2), 165-168.
 99. Rahman MT, Rashid H, Mahtab H, **Kabir Y** (2008). Histopathological changes of pancreas in patients with fibrocalculous pancreatopathy. *Mymensingh Med J* 17(2), 186-191.
 100. Howlader MZH, Islam MR, Hossain J, Khan TA, Karim AF, **Kabir Y** (2007). Combined effects of type-II diabetes mellitus and cigarette smoking increase the risk of cardiovascular complications. *Int J Diab Metab* 15(3), 94-99.
 101. Hossain MS, Rahman A, **Kabir Y**, Shams AA, Afros F, Hashimoto M (2007). Effects of shrimp (*Macrobracium rosenbergii*)-derived chitosan on plasma lipid profile and liver lipid peroxide levels in normo- and hypercholesterolaemic rats. *Clin Exp Pharmacol Physiol* 34, 170-176.
 102. Sidhu JS, **Kabir Y**, Huffman GF (2007). Functional Foods from Cereal Grains. *Int J Food Propert* 10, 1-14.
 103. Howlader MZH, Alauddin M, Khan TA, Islam MR, Begum F, **Kabir Y** (2007) Oxidizability of serum lipids and paraoxonase activity in preeclampsia. *Ban J Med Sci* 13(2), 112-117.
 104. Howlader MZH, Islam M, Islam MR, **Kabir Y** (2007). Changing pattern of lipid composition with the maturation of breast milk. *Ban J Med Sci* 13(2), 118-122.
 105. **Kabir Y**, Shekhar HU, Hossain S, Jannat KKE, Uddin M, Hossain M, Hossain S (2007). Blood transfusion-mediated viral infections in Thalassaemic children in Bangladesh. *J Med Sci* 7(1), 131-135.
 106. Hossain S, Shekhar HU, Khan MNH, Selina FA, Ahmed FA, **Kabir Y**, Mahmud I (2007). Contents of decosaehaenoic acid in the fresh water plankton of Bangladesh and its clinical importance. *Ban J Med Sci* 13(1), 48-53.
 107. Howlader MZH, **Kabir Y**, Khan TA, Islam MR, Begum F, Huffman FG (2007) Plasma lipid profile, lipid peroxidation and antioxidant status in preeclamptic and uncomplicated pregnancies in Bangladesh. *J Med Sci* 7(8), 1276-1282.
 108. Karim F, Akhter A, Pervin F, **Kabir Y**, Ali L (2006). Insulin secretion, insulin sensitivity and body iron stores in type 2 diabetic subjects. *Diab Endocr J* 34(2), 41-45.
 109. Ahmed G, Hossain MS, **Kabir Y**, Jahan SS (2006). Effects of *Hilsa Ilisha* fish oil, soybean and palm oil on the serum and liver lipids of experimentally-induced hypercholesterolemic rats. *PJMR* 45(2), 53-58.

110. Mahmud I, Haque MA, Hannan GMA, Hossain MS, **Kabir Y**, Shekher HU, Ali L (2005). The differential effects of soybean and *Hilsa ilsa* fish oil on the lipid profile and glycemic status of streptozotocin-treated type 2 diabetic rats. *Dhaka Univ J Biol Sci* 14(1), 33-42.
111. Khan TA, **Kabir Y**, Begum F, Shahed SN, Howlader MZH (2004). Preeclampsia associated with hypertriglyceridemia and decreased antioxidant status. *Bang J Med Sci* 10(2), 94-99.
112. **Kabir Y**, Islam M, Howlader ZH (2003). Effect of socio-economic conditions on lipid composition of breast milk of Bangladeshi urban mothers. *Pak J Biol Sci* 6(22), 1872-1875.
113. Hossain MS, Mahmud I, Shekhar HU, **Kabir Y**, Hashimoto M (2003). The fallacy of cholesterol-free vegetable-oil and the effects of fatty acid composition of vegetable versus fish oils on health and diseases. *Bang J Nutr* 16, 129-147.
114. Juliana FM, Bhuiyan MM, Rahman HZ, **Kabir Y** (2002). Comparison between stroke patients and normal subjects on hypertension and blood biochemical parameters. *Bang J Nutr* 15, 23-31.
115. Meher-un-Nessa, Rahim ATMA, Shaheen N, **Kabir Y** (2002). Commercial fast food and traditional snack food of Bangladesh: I. Content of cholesterol and triacylglycerol. *Bang J Nutr* 15, 69-77.
116. **Kabir Y** (1999). Nutritious food mushrooms: problems and prospects of production and consumption in Bangladesh. *South Asian J Nutr* 1, 59-68.
117. **Kabir Y**, Mallik SC, Salim AFM (1999). Effect of iron supplementation on malnourished children with diarrhoea and anemic. *Bangladesh J Nutr* 12, 51-56.
118. Ahmed F, Hasan N, **Kabir Y** (1997). Vitamin A deficiency among adolescent female garment factory workers in Bangladesh. *Eur J Clin Nutr* 51, 698-702.
119. **Kabir Y**, Ide T (1996). Activity of hepatic fatty acid oxidation enzymes in rats fed α -linolenic acid. *Biochim Biophys Acta* 1304, 105-119.
120. **Kabir Y** (1996). Effects of dietary lipids on the activities of enzymes in fatty acid oxidation and synthesis in the rat liver. *Rept Natl Food Res Inst* No. 60, 64-65.
121. **Kabir Y**, Sikder D (1996). The proteases from the larvae of pulse beetle, *Callosobruchus chinensis*. *Bang J Biochem* 2, 29-39.
122. Shahnaz S, Sarkar S, Akhteruzzaman S, **Kabir Y** (1996). Effects of *Auricularia polytricha* mushroom on serum lipids in rats fed a hypercholesterolemic diet. *Dhaka Univ J Biol Sci* 5, 165-172.
123. **Kabir Y**, Ide T (1995). Effect of dietary soybean phospholipid and fats differing in the degree of unsaturation on fatty acid synthesis and oxidation in rat liver. *J Nutr Sci Vitaminol* 41, 635-645.
124. **Kabir Y**, Kimura S (1995). Tissue distribution of (8-¹⁴C)-octacosanol in liver and muscle of rats after serial administration. *Ann Nutr Metab* 39, 279-284.
125. **Kabir Y**, Kimura S (1995). Metabolism of octacosanol in liver and muscle of rat. *Acta Aliment* 24, 39-46.
126. **Kabir Y**, Kimura S (1994). Distribution of radioactive octacosanol in response to exercise in rats. *Nahrung* 38, 373-377.
127. Hossain A, Saha SK, Akhteruzzaman S, **Kabir Y**, Rahman M (1994). Studies on extracellular protease activity from locally isolated *Bacillus thuringiensis* strains. *Dhaka Univ J Biol Sci* 3, 83-87.
128. **Kabir Y**, Kimura S (1993). Biodistribution and metabolism of orally administered octacosanol in rats. *Ann Nutr Metab* 37, 33-38.
129. Sarker S, **Kabir Y** (1992). Haemolymph of *Calliphora erythrocephala* larvae possesses antibacterial activity. *Proceedings of Sem Res Findings Biotech Aspects*. Dhaka Univ Biotech Res Centre, Dhaka, August 29, pp. 25-28.
130. **Kabir Y**, Kimura S (1991). Biochemical effect of octacosanol on voluntary exercise in rats. *Dhaka*

Univ Studies (Part E) 6, 77-85.

131. **Kabir Y**, Kimura S, Kawamura M, Ido T (1990). Biodistribution and metabolism of octacosanol in rats. *Trace Nutrients Res* (in Japanese) 7, 139-145.
132. **Kabir Y**, Kawamura M, Ido T, Funada T, Nakata M, Kimura S (1989). Biodistribution of ¹⁴C-octacosanol in rats after serial doses administration. *CYRIC Annual Report, Part III* (Biology and Medicine): 219-227.
133. **Kabir Y**, Hoshino T, Komai M, Kimura S (1989). Histopathological changes in spontaneously hypertensive rats after feeding of Shiitake (*Lentinus edodes*) and Maitake (*Grifola frondosa*) mushroom diets. *J Clin Biochem Nutr* 6, 187-193.
134. **Kabir Y**, Kimura S (1989). Dietary mushrooms reduce blood pressure in spontaneously hypertensive rats (SHR). *J Nutr Sci Vitaminol* 35, 91-94.
135. **Kabir Y**, Kimura S, Tamura T (1988). Dietary effect of *Ganoderma lucidum* mushroom on blood pressure and lipid levels in spontaneously hypertensive rats (SHR). *J Nutr Sci Vitaminol* 34, 433-438.
136. **Kabir Y**, Yamaguchi M, Kimura S (1987). Effect of Shiitake (*Lentinus edodes*) and Maitake (*Grifola frondosa*) mushrooms on blood pressure and plasma lipids of spontaneously hypertensive rats. *J Nutr Sci Vitaminol* 33, 341-346.
137. **Kabir Y**, Ahmed K (1985). Protective role of vitamin C against neurolathyrism in guinea-pigs. *J Pak Med Assoc* 35, 2-5.
138. Faruque SM, **Kabir Y**, Bashar SAMK (1984). Effect of vitamin A supplementation on the serum levels of some immunoglobulins in vitamin deficient children. *Paediatr Indones* 24, 249-253.

Book Chapters

139. Hossain MG, **Kabir Y** (2022). Role of Cyclin-dependent Kinase Inhibitors (CKIs) as a prognostic biomarker for cancer. In: Rezaei N. (eds.) *Handbook of Cancer and Immunology*. Volume 4. Cancer Diagnosis: Tumor Immunodiagnostic Tests. Springer Nature. DOI : 10.1007/978-3-030-80962-1_142-1.
140. Karim F, **Kabir Y** (2022). Role of histone modifications in the progression of cancer. In: Rezaei N. (eds.) *Handbook of Cancer and Immunology*. Volume 2. Cancerous Cells: Immunobiology of Tumors and Metastasis. Springer Nature, Cham. https://doi.org/10.1007/978-3-030-80962-1_50-1.
141. Yasmin T, **Kabir Y** (2022). Apoptosis in Cancer. In: Rezaei N. (eds.) *Handbook of Cancer and Immunology*. Volume 2. Cancerous Cells: Immunobiology of Tumors and Metastasis. Springer, Cham. https://doi.org/10.1007/978-3-030-80962-1_44-1
142. Ahmed S, Islam MMT, **Kabir Y** (2022). Cancer: A major public health issue linked to occupational environment and safety. In: Rezaei N (eds.) *Handbook of Cancer and Immunology*. Volume 3. Cancer and Surrounding Environment: Etiologies and Tumor Microenvironment. Springer, Cham. https://doi.org/10.1007/978-3-030-80962-1_101-1
143. Mondal MSA, **Kabir Y** (2022). Host immune gene polymorphism and cancer. In: Rezaei N (eds.) *Handbook of Cancer and Immunology*. Volume 2. Cancerous Cells: Immunobiology of Tumors and Metastasis. Springer, Cham. https://doi.org/10.1007/978-3-030-80962-1_48-1
144. Aziz MA, Jafrin S, Islam MS, **Kabir Y** (2022). Interleukins in the development and progression of breast cancer. In: Rezaei N (eds.) *Interdisciplinary Cancer Research Book Series*. Volume 3. Breast Cancers: Interdisciplinary Approach. Section: Cancer Immunology: The Immune System and Tumor. Springer, Cham. https://doi.org/10.1007/16833_2022_24.
145. Islam MMT, **Kabir Y** (2022). Pathophysiological links between diabetes and cardiovascular diseases: at the biochemical and molecular levels. In: *Frontiers in Cardiovascular Drug Discovery*. Volume 6, Chapter 5, Atta-ur-Rehman and M. Iqbal Choudhary (Eds.), Bentham Science Publications, pp. 191-229. DOI:10.2174/97898150369091220601

146. Hosen MB, **Kabir Y** (2020). Antioxidant activity of Glutathione S-Transferases and their association with bladder cancer. In: *Glutathione S-Transferases: Structure, Functions and Clinical Aspects*. Chapter 3, Silva IA, ed. Nova Science Publishers Inc., pp. 63-93.
147. Rahman MA, Bulbul MRH, **Kabir Y** (2020). Plant-based products in cancer prevention and treatment. In: *Functional Foods in Cancer Prevention and Therapy*. Chapter 13, Kabir Y, ed. Elsevier Publishing, pp. 237-259.
148. Kubatka P, Liskova A, Kello M, Mojzis J, Solar P, Solarova Z, Zubor P, Zulli A, Danko J, **Kabir Y** (2020). Plant-derived functional foods with chemopreventive and therapeutic potential against breast cancer: A review of the preclinical and clinical data. In: *Functional Foods in Cancer Prevention and Therapy*. Chapter 15, Kabir Y, ed. Elsevier Publishing, pp. 283-314.
149. Rahman A, Chakraborty S, **Kabir Y** (2020). Harnessing personalized nutrigenomics for cancer prevention and treatment through diet-gene interaction. In: *Functional Foods in Cancer Prevention and Therapy*. Chapter 19, Kabir Y, ed. Elsevier Publishing, pp. 387-403.
150. **Kabir Y** (2020). Health benefits of octacosanol and other long-chain aliphatic fatty alcohols from plants. In: *Herbal Medicine in India: Indigenous Knowledge, Practice, Innovation and its Value*. Chapter 25, Sen S, Chakraborty R, eds. Springer Nature Singapore Ptv Ltd. pp. 413-425.
151. Islam J, Shirakawa H, **Kabir K** (2020). Emerging roles of nutraceuticals from selected fermented foods in lifestyle-related disease prevention. In: *Herbal Medicine in India: Indigenous Knowledge, Practice, Innovation and its Value*. Chapter 29, Sen S, Chakraborty R, eds. Springer Nature Singapore Ptv Ltd. pp. 479-488.
152. Alauddin M, **Kabir Y** (2019). The Molecular determinants of preeclampsia accountable for multifactorial disorder in pregnant women. In: *Trends in Biochemistry and Molecular Biology*. Chapter 9, Shekhar HU, Islam MMT, eds. Nova Science Publishers Inc., USA, pp. 211-232.
153. Alauddin M, **Kabir Y** (2019). Functional and molecular role of processed-beverages towards healthier lifestyle. In: *The Science of Beverages, Volume 12: Nutrients in Beverages*, Chapter 3, Grumezescu AM, Holban AM, eds., Elsevier, pp. 77-109.
154. Islam J, **Kabir Y** (2019). Effects and mechanisms of antioxidant-rich functional beverages on disease prevention. In: *The Science of Beverages, Volume 11: Functional and Medicinal Beverages*, Chapter 5, Grumezescu AM, Holban AM, eds., Elsevier, pp. 157-198.
155. **Kabir Y**, Shekhar HU, Sidhu JS (2017). Phytochemical compounds in functional properties of mangoes. In: *Handbook of Mango Fruit: Production, Postharvest Science, Processing Technology and Nutrition*. Chapter 12, First Edition, Siddiq M, Brecht JK, Sidhu JS, eds., John Wiley & Sons, Inc., pp. 237-254.
156. Hossain M, **Kabir Y** (2016). Ethnic fermented foods and beverage of Bangladesh. In: *Ethnic Fermented Foods and Alcoholic Beverages of Asia*. Chapter 3, Tamang JP ed., Springer International Publishing AG, pp.73-89.
157. Hossain A, Akhter S, **Kabir Y** (2015). Diet, microbiome and human health. In: *Health Benefits of Fermented Food and Beverages*. Chapter 4, Tamang JP ed., CRC Press, Taylor & Francis Group, New York, pp. 197-230.
158. **Kabir Y**, Sidhu JS (2012). Flavor of fruits and fruits products and their sensory qualities. In: *Handbook of Fruits and Fruit Processing*, Chapter 3, Second Edition. Sinha NK, Sidhu JS, Barta J, Wu JSB, Cano MP eds., John Wiley & Sons, Inc. pp. 35-50.
159. **Kabir Y**, Sidhu JS (2011). Antioxidant functional factors in nuts. In: *Functional Foods of the East*. Chapter 15, Shi J, Ho C-T, Shahidi F eds., CRC Press, Taylor & Francis Group, New York, pp. 343-397.
160. Sidhu JS, **Kabir Y** (2010). Fruits from Central and South America. In: *Handbook of Fruit and Vegetable Flavors*. Chapter 25, Hui YH ed., John Wiley & Sons, Inc. pp. 469-489.

Edited Books

1. *Biochemistry and Molecular Biology: In Quest of Education and Innovative Research for Better Tomorrow*. **Kabir Y** (ed.). Department of Biochemistry and Molecular Biology, University of Dhaka, Bangladesh.
2. *Functional Foods in Cancer Prevention and Therapy*. **Kabir Y** (ed.). Academic Press, Elsevier Inc. USA, 2020.
3. *Exploring the Nutrition and Health Benefits of Functional Foods*. Shekhar HU, Hawlader MZH, **Kabir Y** (eds.). IGI Global Publication, Hershey, PA, USA, 2017.

Lead Guest Editor: Special Issue of a Journal

- BioMed Research International: Pharmaceutics. Special issue series titled “Plant-Derived Anticancer Agents as an Option for Cancer Treatment 2021”. Hindawi, 2021.
- BioMed Research International: Pharmaceutics. Titled “Plant-Derived Drugs as an Alternative Therapeutic Option for Cancer Treatment”. Hindawi, 2020.

Guest Associate Editor: Special Issue of a Journal

- *Frontiers in Oncology*: Stimulating effects of bioactive food components on immune responses to fight cancer. *Frontiers*, 2023.

Thesis

Kabir Y. (1990). *The Physiological Role of Octacosanol and its Biodistribution and Metabolism in Rats*. Ph.D. Thesis, Faculty of Agriculture, Tohoku University, Japan.

Kabir Y. (1983). *Biochemical Studies on Neurolathyrism and Protective Role of Vitamin C*. M.Sc. Thesis, Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka, Bangladesh.

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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