

Rubaiat Ahmed

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Google Scholar: <https://scholar.google.com/citations?user=4F6sjC8AAAAJ&hl=en>

Educational Qualifications

- **Master of Science** (Thesis) - 2021
Biochemistry and Molecular Biology, University of Dhaka, Bangladesh.
- **Bachelor of Science** (Hons.) - 2020
Biochemistry and Molecular Biology, University of Dhaka, Bangladesh.

Work Experiences

- December, 2023 - Current
Scientific Officer, Molecular Biotechnology Division, National Institute of Biotechnology, Ganakbari, Ashulia, Savar, Dhaka – 1349, Bangladesh.
- April, 2023 - November, 2023
Research Fellow, Laboratory of Population Genetics, Dept. of Biochemistry and Molecular Biology, University of Dhaka, Dhaka – 1000, Bangladesh.
- November, 2021 - February, 2023
MS Thesis Student, Laboratory of Population Genetics, Dept. of Biochemistry and Molecular Biology, University of Dhaka, Dhaka – 1000, Bangladesh.
- January, 2021 - July, 2021
Research Assistant, Biological Soltution (BioSol) Center, Bangladesh.

Publications

1. **Ahmed, R.**, Saba, A. A., Paul, A., Nur, J., Alam, M. S., Chakraborty, S., Howlader, M. Z. H., Islam, L. N., & Nabi, A. H. M. N. (2023). Intronic Variants of the Angiotensin-Converting Enzyme 2 Gene Modulate Plasma ACE2 Levels and Possibly Confer Protection against Severe COVID-19. *BioMed research international*, 2023, 5705076. <https://doi.org/10.1155/2023/5705076>
2. Tahsin, A., **Ahmed, R.**, Bhattacharjee, P., Adiba, M., Al Saba, A., Yasmin, T., Chakraborty, S., Hasan, A. K. M. M., & Nabi, A. H. M. N. (2022). Most frequently harboured missense variants of hACE2 across different populations exhibit varying patterns of binding interaction with spike glycoproteins of emerging SARS-CoV-2 of different lineages. *Computers in biology and medicine*, 148, 105903. <https://doi.org/10.1016/j.compbiomed.2022.105903>
3. Asseri, A. H., Alam, M. J., Alzahrani, F., Khames, A., Pathan, M. T., Abourehab, M. A. S., Hosawi, S., **Ahmed, R.**, Sultana, S. A., Alam, N. F., Alam, N. U., Alam, R., Samad, A., Pokhrel, S., Kim, J. K., Ahammad, F., Kim, B., & Tan, S. C. (2022). Toward the Identification of Natural Antiviral Drug Candidates against Merkel Cell Polyomavirus: Computational Drug Design Approaches. *Pharmaceuticals (Basel, Switzerland)*, 15(5), 501. <https://doi.org/10.3390/ph15050501>