



ABHIJIT HAZRA

Ph.D Scholar
Supervisor: Dr. Subhadeep Ganguly

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Academic qualifications

Degree	Subject	University	Year
Ph.D	Physiology	University of Calcutta	Pursuing
M.Sc	Physiology	Vidyasagar University	2019
B.Sc	Physiology	Vidyasagar University	2017

Ph.D details

Title of Thesis	Studies on the microbial production of L-methionine
Field of specialization under subject/ discipline	Industrial Microbiology and Biotechnology
Current Research Project / Field of Research	Microbial bioprocessing for sustainable and efficient product development
Technical understanding and experience	• Microscopy & Imaging (SEM). • Experienced in advanced spectroscopic techniques for structural and compositional analysis. • Gel Electrophoresis for DNA/RNA/protein separation. • NCBI for genomic data retrieval and MEGA6 for molecular evolutionary analysis. • Hands-on experience with various chromatography methods for compound separation and identification.

Publications

- Hazra A, Bhattacharyya K, Dutta S, et al. Isolation and characterization of a novel L-Methionine producer from Mahanadi river site in Sambalpur district of Odisha, India. Biocatal Agric Biotechnol. 2023;102659. doi: 10.1016/j.bcab.2023.102659.
- Hazra A, Ganguly S, Bhattacharyya K. Amelioration of L-methionine production by Alcaligenes faecalis ATCXT3624: Empirical optimization of culture conditions. Indian J Physiol Allied Sci. 2024;76(1):46-51. doi: 10.55184/ijpas.v76i01.21.
- Bhattacharyya K, Hazra A, Ganguly S. Pathophysiological impacts arising from disruption in copper homeostasis. Sci Cult. 2024;89(5):123-134. doi: 10.36094/sc.v89.2024.