

Name: Dr. Mazharul Abbasi

Designation: Assistant Professor (W.B.E.S)

Email id: mazharulabbasi09@gmail.com

Qualification: M.Sc. (The University of Burdwan)
Ph.D (IISER Kolkata)

Area of specialization: Cell and Molecular Biology of Microorganisms, Medical Microbiology and Immunology, Protein Biochemistry.

Research Interest: Identification of promising drug targets of various pathogenic microbes. Identification of novel antimicrobial agents for infectious diseases. Mechanism of antibiotic resistance among bacteria.

Publications: Pal DS*, **Abbasi M***, Mondal DK, Varghese BA, Paul R, Singh S and Datta R. 2017. *Interplay between a Cytosolic and a Cell Surface Carbonic Anhydrase in pH Homeostasis and Acid Tolerance of Leishmania*. J Cell Sci. 130:754-766. DOI:10.1242/jcs.199422. ***Both authors contributed equally.**

Pramanik A, **Abbasi M**, Maji K, Nandi SK, Datta R and Haldar D. *Selective Sensing of Ammonium Ion Over Other Biologically Important Ammonia Derivatives by a Coumarin-Based ϵ -Amino Ester*. ChemistrySelect, 2018.3, 393 –398. DOI: 10.1002/slct.201702068.

Maji K, **Abbasi M**, Datta R, and Haldar D. *Potential Antileishmanial Activity of a Triazole based Hybrid Peptide Against Leishmania major*. (ChemistrySelect, 2018, 3, 10220– 10225. DOI: 10.1002/slct.201802002).

Debnath M, **Abbasi M**, Sasmal S, Datta R and Haldar D. *Nest-like assembly of a foldamer containing m-nitrocinnamic acid and its growth inhibition property against Leishmania major*. (ChemistrySelect, 2019,4, 116 – 122 DOI:DOI: 10.1002/slct.201803229).

Seminars:

Platform – ‘Role of a Cytosolic and a Membrane-bound Carbonic Anhydrase in Acid Acclimatization of *Leishmania*’ at the International Congress of Cell Biology 2018. CSIR- Centre for Cellular and Molecular Biology, Hyderabad, India.

Platform – ‘Role of a Cytosolic and a Membrane-bound Carbonic Anhydrase of *Leishmania major* in Combating Acid Stress’ at the British Society for Parasitology Spring Meeting 2017. University of Dundee, Scotland, UK.

Poster - ‘Role of a Cytosolic and a Membrane-bound Carbonic Anhydrase of *Leishmania major* in Combating Acid Stress’ at the ‘Advances in Life Sciences’ at IISER Kolkata.

Poster - ‘Role of a Cytosolic and a Membrane-bound Carbonic Anhydrase of *Leishmania major* in Combating Acid Stress’ at the ‘Meeting on Cell Biology of Infections’ conference, National Centre for Biological Sciences, Bangalore, India.

Awards and Fellowships:

Travel Award from International Congress of Cell biology for attending International Congress of Cell Biology 2018 at Hyderabad (2018).

International Travel Award from IISER Kolkata to attend British Society for Parasitology Spring Meeting 2017 in Scotland, United Kingdom (2017).

Best Poster Award in the ‘Advances in Life Sciences’ conference organised by the Department of Biological Sciences, IISER Kolkata, Mohanpur, India (2017).

Qualified Joint CSIR-UGC National Eligibility Test (**NET**) for Junior Research Fellowship (JRF) in Life Sciences, Ministry of Human Resource Development, Government of India (2012).

Qualified Graduate Aptitude Test in Engineering (**GATE**) under the Department of Higher Education, Ministry of

Human Resource Development, Government of India (2012).

Awarded Junior Research Fellowship under National Ganga River Basin Authority (NGRBA) in the Central Pollution Control Board, Ministry of Environment, Forest and Climate Change, Government of India (2012).

Qualified Joint CSIR-UGC National Eligibility Test (**NET**) for Lectureship (LS) in Life Sciences, Ministry of Human Resource Development, Government of India (2011).

Qualified Graduate Aptitude Test in Engineering (**GATE**) under the Department of Higher Education, Ministry of Human Resource Development, Government of India (2010).

Teaching Experience:

2019- Present, Assistant Professor of Microbiology in the Department of Microbiology at Govt. General Degree College, Narayangarh, PaschimMedinipur, West Bengal.