



Baisakhee Saha

Ph.D. from Bose Institute, Kolkata

Other qualification: Bachelor of Education

Research Positions:

2018 - Till Date	(Woman Scientist A) DST	School of Medical Science and Technology, IIT Kharagpur
2017 - 2018	Research Associate	Department of Biotechnology, IIT Kharagpur
2010 - 2013	DST Young Scientist Fellow	Department of Biotechnology, IIT Kharagpur
2007 - 2009	Project Officer	Department of Biotechnology, IIT Kharagpur
2005 - 2007	DBT-Postdoctoral Fellow	Department of Biotechnology, IIT Kharagpur

Research areas:

- Molecular mechanisms of drug resistance in *Mycobacterium tuberculosis*
- Structural and functional studies of important pathogenic as well as metabolic proteins from pathogens like *M. tuberculosis* and *Staphylococcus aureus* by biophysical and biochemical methods
- Protein labelling by photoaffinity probes
- Osteogenic tissue engineering using biomaterial hydrogel scaffolds of bioglass and drug loaded nanoparticles.

Current Project:

Development of osteoanabolic vehicle for orthopedic tissue regeneration

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Hobbies: Reading, Cooking and Travelling