

MR. MONOJIT BANERJEE

SACT

B.Sc. (Zoology), M.Sc. (Biochemistry)

Overview:

Mr. Monojit Banerjee is appointed as State Aided College Teacher (SACT) in Department of Biochemistry in recent times. During initial period, he has served as contractual teacher of newly established department of Biochemistry, world's one of leading subject. His meticulous nature of teaching makes him very sincere and self motivated & diligent young person with very sound academic background. He has a very positive attitude towards research. He is very keen to learn the newer methods of science. He has a sound knowledge on both theory and practice with a sincere bent of mind towards research. Depth of knowledge on biochemistry and allied subjects is commendable. His punctuality and organizational skills are highly appreciable. His constant devotion in teaching for more than six years in relevant subjects proffers significant contribution to Biochemistry department.

Date of appointment to the present job: 1st August 2016

Academic background:

Mr. Monojit Banerjee has completed undergrad degree in Zoology and master's degree in Biochemistry. He has extended his understanding of the biological processes at a cellular as well as molecular level. Theoretically he mastered in many subjects such as Enzymology, Human anatomy, Remedial Biology, Biochemistry, Biotechnology & Bio-informatics among others. Moreover, to expand his scope of awareness and for overhaul development he has participated in national workshop, seminar, webinar on different aspects of Biology. Monojit has published six research articles in UGC approved and other international or national reputed journals. Currently he is engaged in writing of different book chapter and review article of international repute.

Area of present academic/ Research interest/Research Projects& Schemes and Collaborations:

Research Interest: Bio-informatics, Enzymology, Molecular docking for drug discovery, Immunology,

Publications:

- ❑ **Banerjee M.**, Basak S., & Bhattacharjee M. 2018. Investigation of a Gram Negative Cholesterol Degrading Bacterial Strain From Soil Sample(s) Contaminated With Effluents of Vegetable Oil Industries. *Global Journal of Bio-Science and Biotechnology*. 7(3), 343-352, ISSN: 2278-9103 (Weblink:https://www.researchgate.net/profile/Mainak_Bhattacharjee2/publication/333680853_INVESTIGATION_OF_A_GRAMNEGATIVE_CHOLESTEROL_DEGRADING_BACTERIAL_STRAIN_FROM_SOIL_SAMPLES_CONTAMINATED_WITH_EFFLUENTS_OF_VEGETABLE_OIL_INDUSTRIES/links/5cff527a4585157d15a20bc1/INVESTIGATION-OF-A-GRAM-NEGATIVE-CHOLESTEROL-DEGRADING-BACTERIAL-STRAIN-FROM-SOIL-SAMPLES-CONTAMINATED-WITH-EFFLUENTS-OF-VEGETABLE-OIL-INDUSTRIES.pdf)
- ❑ Bhattacharjee M., **Banerjee M.**, & Mahato D. 2018. Partial purification of Egg white Lysozyme from four different Bird species by Ethanol precipitation method and their Antibacterial Activity Assay: A Comparative study. *Indian J. Applied & Pure Bio*. 33 (1), 27-34. (Web link: <http://biology-journal.org/journal/volume33/issue65/ijapb33-1-27.html>)
- ❑ Bhattacharjee M., **Banerjee M.**, & Mitra P., Ganguly A. 2018 . Investigation of Alkaline Phosphatase Enzyme of a Novel Bacillus species isolated from Rhizospheric Soil of Potato Field. *Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences*. 4(2), 129-144, ISSN: 2454-6348, DOI: 10.26479/2018.0402.10 (Web link: <http://www.rjlbpcs.com/article-pdf-downloads/2018/18/213.pdf>)
- ❑ Bhattacharjee M., **Banerjee M.**, & Mitra P. 2018. Partial Purification and Characterization of Periplasmic Alkaline Phosphatase from *E.coli* Isolated from Water Sample. *Bioscience Discovery*. 9 (1), 200-208, ISSN: 2229-3469

(Web link: <https://biosciencediscovery.com/Vol%209%20No%201/Mainak200-208.pdf>)

- ❑ Bhattacharjee M., **Banerjee M.** 2018. Isolation, Characterization and Medium Optimization of Rhizobium Symbiont(S) From Sesbania aculeata (Dhaincha). *International Journal of Agriculture Environment and Biotechnology*. 11(6): 851-861, DOI: 11. 10.30954/0974-1712.12.2018.6. (Weblink: <https://ndpublisher.in/admin/issues/IJAEV11n6f.pdf>)
- ❑ Bhattacharjee M., **Banerjee M.**, & Deb J. 2017. Investigation of a Bacteriocin Produced by a Probiotic Lactic Acid Bacterium (LAB) Isolated from Packaged Lassi Sample. *International Journal of Pharmaceutical and Biological Science Archive*, 5(06), 01-08 ISSN: 2349-2678. (Web-link : <https://ijpba.in/index.php/ijpba/article/view/75>)

Seminars, Webinars and Conferences attended:

- ❑ Banerjee M. "*Eradication of Biological And Chemical Weapons*". Participation at 4 day International Conference organized by MIT WORLD PEACE UNIVERSITY, PUNE, INDIA, 23rd -26th June 2020. (Web link: <https://drive.google.com/file/d/10pzjlhPZhu7wFqzrU3f-K4hUqtv-qDEr/view?usp=sharing>)
- ❑ Banerjee M. "*Association of COVID 19inflammation with activation of the C5aR1 axis*". Participation at International Union of Immunological Society (IUIS), Europe, June 22 ,2020. (Weblink:<https://drive.google.com/file/d/10tBwXgPhz9kwXXCgJUUFKW4VgSyhwg0vw/view?usp=sharing>)
- ❑ Banerjee M. "*Significance of Big Data Analytics in Pharma and Health Care Sectors*". Participation at by Dept. of Pharmaceutical Technology , Maulana Abul Kalam Azad university of Technology (MAKUT), West Bengal, India, 19th June 2020. (Weblink:<https://drive.google.com/file/d/114FGXoUK3o8cSzeX0 X4rT8UebKEciu /view?usp=sharing>)
- ❑ Banerjee M. "*Understanding infection and immunity of SARS-CoV-2: from diagnostic to therapies for COVID-19*". Participation at International Union of Immunological Society (IUIS), Europe, June 15,2020. (Weblink:https://drive.google.com/file/d/11FsJle_4hF48uCyluYJIDuEQvFoFq24/view?usp=sharing)
- ❑ Banerjee M. "*Respiratory Immunity and COVID 19*". Participation at International Union of Immunological Society (IUIS), Europe, June 8 ,2020. (Weblink:<https://drive.google.com/file/d/10yeW6Z4SBhFQ-AtGpfiU13gE5eVfMsb/view?usp=sharing>)
- ❑ Banerjee M. "*Living on the Edge with COVID-19.*" Participation at Triveni Devi Bhalotia College, Raniganj, WB, India. June 4, 2020. (Weblink:https://drive.google.com/file/d/11TFC0owKj8p0KL5PBq3QXDL8ibm_LVt/view?usp=sharing)