

2018-2019

1. **Panja, A. S., Bandopadhyay, B., Nag, A., & Maiti, S.** (2019). Protein secondary structure determination (PSSD): a new and simple approach. *Current Proteomics*, 16(3), 246-253.
2. **Maiti, S., Panja, A. S., & Bandopadhyay, B.** (2019). Higher peptide nonplanarity (ω) close to protein carboxy-terminal and its positive correlation with ψ dihedral-angle is evolved conferring protein thermostability. *Progress in Biophysics and Molecular Biology*, 145, 1-9.
3. Biswas, R., **Panja, A. S., & Bandopadhyay, R.** (2019). Molecular mechanism of antibiotic resistance: the untouched area of future hope. *Indian journal of microbiology*, 59, 254-259.
4. **Panja, A. S., Sarkar, A., Biswas, R., Bandyopadhyay, B., & Bandopadhyay, R.** (2019). Modification of drug-binding proteins associated with the efflux pump in MDR-MTB in course of evolution: an unraveled clue based on in silico approach. *The Journal of Antibiotics*, 72(5), 282-290.
5. Biswas, R., **Panja, A. S., & Bandopadhyay, R.** (2019). In silico analyses of burial codon bias among the species of Dipterothra through molecular and phylogenetic data. *Evolutionary Bioinformatics*, 15, 1176934319834888.
6. Xavier, A., Karlund, A., Alves, A., Kumar, A., **Panja, A. S., Boškovic, B., ... & Zhao, S.** (2019). Reviewers for Evolutionary Bioinformatics: 2018. *Evolutionary Bioinformatics*, 15, 1.
7. **Panja, A. S., Mandal, S., & Bandopadhyay, B.** (2019). Structural Paradigm Shift of Proteins against Thermal Stress Through Evolutionary Proteome. *Biotechnol Ind J*, 15(4), 193.
8. **Panja, A. S., Nag, A., Bandopadhyay, B., & Maiti, S.** (2019). Protein stability determination (PSD): a tool for proteomics analysis. *Current Bioinformatics*, 14(1), 70-77.
9. **Maiti, S., & Nazmeen, A.** (2019). Impaired redox regulation of estrogen metabolizing proteins is important determinant of human breast cancers. *Cancer Cell International*, 19(1), 1-13.
10. Manna, B., **Maiti, S., & Das, A.** (2019). Neural Oxidant-stress by Azadirachtin Induces Anti-oxidative Enzymes Evidencing Biomarker Potential in Paddy Pest, *Spathosternum prasiniferum prasiniferum* (Orthoptera: Acridoidea). *Asian Journal of Environment & Ecology*, 10(2), 1-10.
11. Bank, S., Bhattacharya, S., Koschinski, A., Zaccolo, M., Maiti, S., Banerjee, A., ... & Sinha, A. K. (2019). Stress-Induced Protein Dermcidin Develops Diabetes Targeting GLUT4/Insulin via NO/cGMP Inhibition. *Available at SSRN 3429875*.
12. Hor, P. K., Ray, M., Pal, S., Ghosh, K., Soren, J. P., Maiti, S., ... & Mondal, K. C. (2019). Some functional properties of khambir, an ethnic fermented cereal-based food of Western Himalayas. *Frontiers in Microbiology*, 10, 730.
13. **Maiti, S., Nazmeen, A., Medda, N., Patra, R., & Ghosh, T. K.** (2019). Flavonoids green tea against oxidant stress and inflammation with related human diseases. *Clinical Nutrition Experimental*, 24, 1-14.

14. Bhattacharya, **S.**, **Maji**, U., Khan, G. A., Das, R., Sinha, A. K., Ghosh, C., & Maiti, S. (2019). Antidiabetic role of a novel protein from garlic via NO in expression of Glut-4/insulin in liver of alloxan induced diabetic mice. *Biomedicine & Pharmacotherapy*, 111, 1302-1314.
15. Panja, T. K., Sinha, N. K., Chakraborty, **S.**, **Maiti**, **S.**, Dutta, D., Kundu, P., & Pal, S. (2019). Prevalence of anaemia in varied nutritional state among the women of reproductive ages belonging to low socioeconomic status of rural India. *Age (year)*, 29(9.88), 28-70.
16. Nazmeen, A., & Maiti, S. (2018). Oxidant stress induction and signalling in xenografted (human breast cancer-tissues) plus estradiol treated or N-ethyl-N-nitrosourea treated female rats via altered estrogen sulfotransferase (rSULT1E1) expressions and SOD1/catalase regulations. *Molecular biology reports*, 45(6), 2571-2584.
17. Jana, P., Khan, M. M., De, S. K., Sinha, A. K., Guha, S., Khan, G. A., & Maiti, S. (2018). Estriol Inhibits Dermcidin Isoform-2 Induced Inflammatory Cytokine Expression Via Nitric Oxide Synthesis in Human Neutrophil. *Current Molecular Medicine*, 18(10), 672-678.
18. Deb, B., Maity, M., Maiti, S., Pan, B., Perveen, H., Dash, M., ... & Chattopadhyay, S. (2018). Abrogation of sodium arsenite driven uterine antioxidant exhaustion and tissue impairment: Role of B and folate. *Journal of Environmental Biology*, 39(5), 581-591.
19. Maiti, S., Samanta, T., Sahoo, S., & Roy, S. (2018). The dual carboxymethyl cellulase and gelatinase activities of a newly isolated protein from *Brevibacillus agri* ST15c10 confer reciprocal regulations in substrate utilization. *Journal of Molecular Microbiology and Biotechnology*, 27(6), 319-331.
20. Maiti, S., & Nazmeen, A. (2018). The emergence and impact of medicinal honey. *Journal of Clinical and molecular Pathology*, 2(1), 16.
21. Sinha, N. K., Maiti, S., & Das, D. C. (2018). Tribal lactating mothers manifest more under nutrition in rural areas of Paschim Medinipur district of India.
22. Nazmeen, A., & Maiti, S. (2018). Synergism between brca1 mutation and impaired estrogen signaling in oxidative stress modulation makes estrogen responsive tissues (breast) more susceptible to develop cancer. *J Cell Sci Ther*, 9(286), 2.
23. Ganguly, A., Banerjee, A., Mandal, A., Khan, M. A., & Mohapatra, P. K. D. (2019, December). Isolation and characterization of bacteria from the intestine of *Clarias batrachus* for probiotic organism. In *Proceedings of the Zoological Society* (Vol. 72, pp. 411-419). Springer India.
24. Bank, S., Bhattacharya, S., Koschinski, A., Zaccolo, M., Maiti, S., Banerjee, A., ... & Sinha, A. K. (2019). Stress-Induced Protein Dermcidin Develops Diabetes Targeting GLUT4/Insulin via NO/cGMP Inhibition. *Available at SSRN 3429875*.

25. Ganguly, A., Banerjee, A., Mandal, A., & Mohapatra, P. K. D. (2019). Study of bile salt hydrolase in *Lysinibacillus sphaericus*: a potent fish probiotic and its in silico structure prediction for catalytic interaction. *Romanian Archives of Microbiology & Immunology*, 78(2).
26. Paria, K., & Chakraborty, S. K. (2019). Eco-potential of *Aspergillus penicillioides* (F12): bioremediation and antibacterial activity. *SN Applied Sciences*, 1, 1-8.
27. Chowdhury, D. R., Chattopadhyay, S. K., & Roy, S. K. (2018). Assessment of secondary metabolites with relation to their antioxidant activity of fungal endophytes isolated from medicinal plants. *International Journal of Pharmaceutical Sciences*, 10, 59-63.