

BIO DATA



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RESEARCH AREA AND AREA OF INTEREST : Oxidative stress and free radical biology, Myocardial Ischaemia, Melatonin

RESEARCH GUIDANCE : None

AWARDS : None

PROJECTS : None

PUBLICATIONS :

1. Ghosh AK, **Naaz S**, Bhattacharjee B, Ghosal N, Chattopadhyay A, Roy S, Reiter RJ, **Bandyopadhyay D**. Mechanism of melatonin protection against copper-ascorbate-induced oxidative damage in vitro through isothermal titration calorimetry. **Life Sciences**, 2017, **180**, 123-136. [ELSEVIER; Impact Factor 2.702]
2. Ghosh AK, Bhattacharjee B, Mishra S, Das N, Ghosal N, **Naaz S**, Pal A, Roy SS, Chattopadhyay A, and Bandyopadhyay D. Estra-1, 3, 5(10) - triene-3, 17 β -diol protects mitochondria against Cu-ascorbate induced oxidative damage in in vitro system: A novel therapeutic approach. **Journal of Pharmacy Research** 2016, 10(9), 594-608. [JPR Solution Publication; Impact Factor 2.89].
3. Mishra S, **Naaz S**, Ghosh AK, Paul S, Ghosal N, Dutta M, Bandyopadhyay D, Chattopadhyay A. Orally administered aqueous bark extract of Terminalia arjuna protects against adrenaline-induced myocardial injury in rat heart through antioxidant mechanisms: an in vivo and an in vitro study. **Journal of Pharmacy Research** 2016, 10(6), 454-478. [JPR Solution Publication; Impact Factor 2.89]

4. Ghosh D, Paul S, **Naaz S**, Bhowmik D, Dutta M, Ghosh AK, Firdaus SB, Chattopadhyay A, Reiter RJ and Bandyopadhyay D. Melatonin protects against lead acetate induced oxidative stress-mediated changes in morphology and metabolic status in the rat red blood cells: a flow cytometric and biochemical analysis. **Journal of Pharmacy Research** 2016,10(6),381-402.[**JPR Solution Publication; Impact Factor 2.89**]
5. Ghosal N, Firdaus SB, **Naaz S**, Paul S, Ghosh AK, Chattopadhyay A, Mohan V, Thakurdesai P, Bhaskaran S, Pattari S and Bandyopadhyay D. Gastroprotective effect of Fenugreek 4-hydroxyisoleucine and trigonellineenrichedfraction (TF4H (28%)) Sugaheal® against indomethacin induced ulcer in male wistar rats. **Journal of Pharmacy Research** 2016,10(6),351-364.[**JPR Solution Publication; Impact Factor 2.89**].
6. Ghosal N, Firdaus SB, Paul S, **Naaz S**, Chattopadhyay A,Shukla P, Jain G, Pattari S, Rangari VD and Bandyopadhyay D. Amelioration of gastrotoxic effect of indomethacin by piperine in male Wistar rats: a novel therapeutic approach. **Journal of Pharmacy Research** 2016,10(5),240-254.[**JPR Solution Publication; Impact Factor 2.89**].
7. Nandi A, Dey S, Biswas J, Jaiswal P, Naaz S, Yasmin T, Bishayi B. Differential Induction of Inflammatory Cytokines and Reactive Oxygen Species in Murine Peritoneal Macrophages and Resident Fresh Bone Marrow Cells by Acute Staphylococcus aureus Infection: Contribution of Toll-Like Receptor 2 (TLR2). **Inflammation** 2015, 38(1) :224-44. doi: 10.1007/s10753-014-0026-8 [**Springer Impact factor 2.618**].