



Mrs. Malini Sen is an M.Pharm. in Pharmacology from West Bengal University of Technology. She is currently pursuing PhD from MAKAUT. She is having 10 years experience in teaching and 2 years of research experience.

Area of Research: Anticancer drugs of natural origin, Drugs affecting central nervous system.

Publication Details:

1. Effect of petroleum ether extract of *Amorphophallus paeoniifolius* tuber on central nervous system of mice; S.S. Das, Malini Sen, Y.N. Dey, S. De, A.K. Ghosh. *IJPS* 2009 Nov.-Dec.
2. Qualitative phytochemical screening and antimicrobial studies of *Calotropis gigantea* Linn latex; Sarkar, S.; Sen, M.; Bhattacharya, P.; Ghosh, A. *Journal of Pharmacy Research*;2013, Vol. 6 Issue 5, p563
3. Antidiabetic and antioxidant effects of ethanolic extract of anjir leaves (*ficus carica*) in alloxan induced diabetic rat; S. P. Jayakumar, Malini Sen, M. Jagadeesan, R. Sundararajan, *Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry*, 1(4), 2013, 215-224.
4. Montreka Y. Dansby, Anamika Sengupta, Malini Sen, Stephen Kioko, Sabrina Matthews, Pranabesh Chakroborty, Ward G. Kirilin. Potential chemoprevention by *Withania somnifera* extracts through altered expression of carcinogen metabolizing enzymes [Abstract]. In: Proceedings of the 100th Annual Meeting of the American Association for Cancer Research; 2009 Apr 18-22; Denver, CO, Philadelphia (PA); AACR: 2009, Abstract No. 2965.
5. Souvik Mukherjee, Priyanka Chatterjee, Malini Sen, Mithun Bhowmick. Phytochemical investigation and antiproliferative potential of dormant and germinated seed extracts from *Cucurbita pepo* (pumpkin) [Abstract]. In: Key concerns and considerations in pharmaceutical sciences and technology: South-east Asian perspective; 2019 Jan 4-5; Dr. B.C.Roy College of Pharmacy & AHS, Durgapur, West Bengal, India; BCRCPiCON:2019, Abstract No. BCRCPiCON-19-P-131 6.
6. Subhajit Makar, Souvik Mukherjee, Arghya Pariya, Malini Sen, Mithun Bhowmick. Design, synthesis and evaluation of phenyl pyrimidine bridged chalcone derivatives as putative anticancer agents [Abstract]. In: Key concerns and considerations in pharmaceutical sciences and technology: South-east Asian perspective; 2019 Jan 4-5; Durgapur, West Bengal, India; BCRCPiCON:2019, Abstract No. BCRCPiCON-19-P-140 7.

7. Malini Sen, Arghya Paria, Anamika Sengupta, Mithin Bhowmick. Determination of invitro antioxidant activity of Withania somnifera root extract by DPPH free radical scavenging method [Abstract]. In: Renovation of pharmaceutical education towards the need of the health care system; 2019 Jan 27; Jakir Hossain Institute of Pharmacy, Murshidabad, West Bengal, India; JHIP-INT:2019, Abstract No. JHIP-INT.-SEMINAR/P-20/2019
8. Snehadepa Ghosh, Malini Sen. Mitochondrial replacement therapy: one novel technique to prevent several mitochondrial disease [Abstract]. In: National Conference on Present scenario, Challenges & Future Perspective of Drug Discovery & Smart Delivery System Development; April 6, 2019 Gupta College of Technological Sciences, Asansol, West Bengal.
9. Debjit Das, Malini Sen. Role of Glutamate in Excitotoxicity During Ischemia and It's Relation to Neuronal Cell Death [Abstract]. In: National Conference on Present scenario, Challenges & Future Perspective of Drug Discovery & Smart Delivery System Development; April 6, 2019 Gupta College of Technological Sciences, Asansol, West Bengal.
10. Kazmin Parween, Aniket Roy, Anupam Dutta, Malini Sen. Organ on a chip: An Advance Approach for Preclinical Assessment and Drug Development [Abstract]. In: Modern Trends in Microbiology Chapter XVIII; October 8 to 10, 2021. Department of Microbiology, St. Xavier's College, Kolkata supported by Department of Biotechnology, Govt. of India.
11. Supriyo Chandra Chandra, Suzan Haque, Sourav Jana, Bipul Sasmal, Malini Sen. Zebrafish as an infection model [Abstract]. In: Modern Trends in Microbiology Chapter XVIII; October 8 to 10, 2021. Department of Microbiology, St. Xavier's College, Kolkata supported by Department of Biotechnology, Govt. of India.

Conference attended:

Participated as a delegate in National Seminar on "Recent Trends in Drug Discovery & Drug Development" on 24th September, 2011 at Gupta College of Technological Sciences, Asansol.

Participated as a delegate in National Seminar on "Recent Advances in Pharmaceutical Sciences and Research" on 27th & 28th April, 2018 at Bengal College of Pharmaceutical Sciences & Research, Durgapur.

Participated as a delegate in Interational Seminar on "Key Concerns & Considerations in Pharmaceutical Sciences and Technology: South-East Asian Perspective" on 4th & 5th February, 2019 at Dr. B.C. Roy College of Pharmacy & AHS, Durgapur.

Workshops attended:

Participated in workshop on “India’s Prospects to Becoming Drug Discovery Hub” on 6th February, 2012 at Bengal College of Pharmaceutical Sciences & Research, Durgapur.

Participated in workshop on “India innovation program: Ideating- Inventing- Patenting” on 7th February, 2013 at Bengal College of Pharmaceutical Sciences & Research, Durgapur.