

Dr. SUMAN KUMAR RAY

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PhD-Molecular Biology : University of Calcutta, Kolkata, India

Workshop attended: More than 20

National/ International Conference (Attended): More than 60

Conference Proceedings Abstract published: 12

Full paper published (Conference): 3

Conference Paper presented: 14

Work Experience (Research): 12 years

Publications:

1. **Ray SK**, Mukherjee S. Neuropharmacology of alcohol addiction with special emphasis on Proteomic Approaches for Identification of Novel Therapeutic Targets. Current Neuropharmacology [IF: 9.1] PMID: 35959616
2. **Ray SK**, Mukherjee S. Evolving Interplay Between Dietary Polyphenols and Gut Microbiota—An Emerging Importance in Healthcare. Front. Nutr. 2021; 8:634944. [IF-6.57] PMID: 34109202
3. **Ray SK**, Mukherjee S. Targeting tumor hypoxia and hypoxia-inducible factors (HIFs) for the treatment of cancer- A story of transcription factors with novel approach in molecular medicine. Current Molecular Medicine, 2022;22(3):193-194. [IF-3.1]. PMID: 35603885

4. **Ray SK**, Mukherjee S. Cell free DNA as an evolving liquid biopsy biomarker for initial diagnosis and therapeutic nursing in Cancer. *Current Pharmaceutical Biotechnology*. 2022;23(1):112-122 [IF-2.63] PMID: 33308128
5. Mukherjee S, **Ray SK**, Kotnis A, Kanwar JR. Elucidating the Role of Cardiac Biomarkers in COVID-19: A Narrative Evaluation with Clinical Standpoints and a Pragmatic Approach for Therapeutics. 2022. *Current Cardiology Reviews*. 2022;18(4):e220222201354. PMID: 35196971
6. **Ray SK**, Mukherjee S. Current Headway in Cancer Immunotherapy Emphasizing the Practice of Genetically Engineered T-cells to Target Selected Tumor Antigen. *Critical Reviews in Immunology*. 2021;41(1):23-40. [IF-3.34] PMID: 33822523
7. Mukherjee M, Rahaman M, **Ray SK**, Shukla PC, Dolai TK, Chakravorty N. Revisiting fetal hemoglobin inducers in beta-hemoglobinopathies: a review of natural products, conventional and combinatorial therapies. *Molecular Biology Reports*. 2022;49(3):2359-2373. [IF-2.3] PMID: 34822068
8. Barik A, **Ray SK**, Byram PK, Sinha R, Chakravorty N. Extensive early mineralization of pre- osteoblasts, inhibition of osteoclastogenesis and faster peri-implant bone healing in osteoporotic rat model: principle effectiveness of bone-specific delivery of Tibolone as evaluated in vitro and in vivo. *Biomed Mater*. 2020;15(6):064102. [IF- 3.7] PMID: 33226007
9. Ghoshal N, Talapatra S, Talukder P, Sengupta M, **Ray SK**, Chakraborty A, Raychaudhuri SS. Cross-adaptation to cadmium stress in *Plantago ovata* by pre- exposure to low dose of gamma rays: Effects on metallothionein and metal content. *International Journal of Radiation Biology*. 2015. 91(8): 611-623. [IF-2.36] PMID: 25968556