Mr. Amit Roychowdhury, M.Sc.

Name : Amit Roychowdury

Designation : Assistant Professor

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RESEARCH INTERESTS

RADIATION BIOLOGY

Academic Qualifications

Ph.D. (Radiation Biology), Cont. at KIIT, Bhubaneswar.

M.Sc. (Human Genetics), Sri RamChandra Institute of Higher Education&Research

B.Sc. (Genetics), Maulana Abdul Kalam Azad University of Technology

Teaching Experience/Industrial Experience/Research Experience

- ✓ 4yrs of experience as Scientific and Advanced Skills, inDNA Life Sciences Pvt. Ltd, Bhubaneswar.
- ✓ 15yrs of Experience as Head Laboratory Operations, inDNA Life Sciences Pvt Ltd, Bhubaneswar.

PUBLICATIONS

JOURNALS & CONFERENCES

Perumal V, Sekaran TS, Raavi V, Basheerudeen SA, Kanagraj K, Chowdhury AR, Paul SF, Radiation signature on exposed cells: Relevance in dose estimation, World Journal of radiology. 2015 Sept 28: 7(9):266.

Anuja K, Chowdhury AR, Saha A, Roy S, Rath AK, Kar M, Banerjee B. Radiation-induced DNA damage response and resistance in colorectal cancer stem-like cells. International Journal of radiation biology. 2019 Mar 18.

Anuja K, Kar M, Chowdhury AR, Shankar G, Padhi S, Roy S, Akhter Y, Rath AK, Banerjee B.Role of Telomeric RAP1 in radiation sensitivity modulation and its interaction with CSC marker KLF4 in Colorecta cancer. International Journal of Radiation Biology. 2020 Jan 27

Tripathy J. Chowdhury AR, Prusty, M.MuduliK, Priyadarshini N. Reddy KS, banerjee B. ElangovanS. a-Lipoic acid prevents the ionizing radiation-induced epithelial-mesenchymal transition and enhances the radiosensitivity in breast cancer cells. European Journal of Pharmacology. 2020 Jan 17.

Srikanth P. Chowdury AR, Low GKM, Saraswathy R, Fujimori A, Banerjee B, Martinez-Lopez W, Hande MP, Oxidative Damage Induced Telomere Mediated Geomic Instability in Cells from Ataxia Telangiectasia Patients, Genome Integr. 2022; 13:1.0003. DOI: 10.14293/genint 13.1.003.