

Dr. Amlan Kanti Sarkar, MSc, PhD

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RESEARCH OBJECTIVES

Identify a targeted future research and scholarly work and to develop special expertise in the corresponding clinical research domains and research methods.

Research interest: Encompasses the areas including Cancer therapy, Impurity Profiling, Metabolomics, Quantitative and Qualitative Characterization of Bimolecules as well as interventional and observational clinical trials.

Therapeutic Areas in CT: Oncology, Dermatology, Cardiology, Immunology etc.

Analytical techniques and structure elucidation: Qualitative & Quantitative characterization using Mass spectrometry (LC-MS, MS-MS), HPLC etc.

Biological studies: Bioavailability Study, In vitro assays, In-vivo study like Pharmacokinetic study in rodents, Disease models in animals.

RESEARCH IN PROGRESS

Global Phase -3 Clinical Trial on Ovarian Cancer is in Progress (Patient Recruitment ongoing). (01/21 to 01/24); Global Phase-2 open label basket study on NSCLC & DLBCL is in progress (Patient recruitment yet to start); Survey on Out of Hospital Cardiac Arrest registry (OHCA) and its impact during covid-19 in India (07/21 to 07-23); Awareness of Breast Cancer in different slum areas in Mumbai, (03/19 to 08/19)

PhD Guide: Currently 2 students are working under my supervision in the PhD Program.

Author IDs <https://orcid.org/0000-0002-2010-7409>; Researcher ID: A-3455-2012; Scopus Author ID: 35444747600

There are 27 peer reviewed Journal Published in several high impact international journals.

CERTIFICATE /RECOGNITION

1. Obtained the Senior Research Fellowship (SRF) for carrying out Ph.D. work from the Department of Science and Technology (DST), Govt. of India (02/10 to 02/13); Invited and attended an International Seminar on Bioequivalence Study and toxicity study in Dhaka University, Bangladesh, (02/10); Trained ISO certified Internal Auditor from TUV Nord group. (08/11); GLP sensitization program certificate from Govt of India. (12/11) ; FDA, Maharashtra certified Microbiologist. (03/18) ; Invited and attended an 'Interactive meet on New Drugs and Clinical Trials Rules 2019; It's understanding and impact' from Govt. of India. (05/19); GCP certified trainer – Institute of Clinical Research India – (09/19)

EDUCATION

PhD in Pharmacy from Jadavpur University, India in 2013. *Dissertation Title:* "Biopharmaceutical evaluation of drugs & metabolites in plasma by LC-MS/MS"

MSc in Botany from Vidyasagar University, India in 2007. *Dissertation Title:* "Qualitative characterization of Marsiline by LC-MS/MS"

B.Sc in Botany (H) with Zoology and Chemistry from Calcutta University, India in 2003

WORK EXPERIENCES

1. Currently working as a Project Operation Manager in Star Health Network (. (A US based CRO, specialized in Oncology Trials) group from February 2021 until now and professor & Head of the department (HOD) in Clinical Research, Institute of Clinical Research, Mumbai, India from September 2018 till date (5 years)
2. Acted as Manager (Operation and R&D) in Sahyadri Starch & Industries Pvt. Ltd. , In India from January 2018 to August 2018 (8 months)
3. Acted as Senior Research Associate in a CRO named Om Sai Clinical Research Pvt. Ltd., Sangli, Maharashtra-416416, India from September 2016 to December 2017. (1 year 3 months)
4. Acted as Research Scientist in a CRO named Questra Clinical Research, Penang-13700, Malaysia from January 2014 to March 2016. (2yrs 2 months)
5. Acted as Assistant Manager in Sipra Labs, Hyderabad, India from May 2013 to November 2013. (6 months)
6. Acted as Overall Clinical Operation, Lab In-charge, Management Representative (ISO 9001), course coordinator in a CRO named Bioequivalence Study Centre under Dept. of Pharmaceutical Technology, Jadavpur University, Kolkata-32, India from November 2004 to April 2013 (9 yrs 6 months)