

SUBHENDU CHAKRABARTY

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JOB OBJECTIVE

Seeking assignments in Teaching, Mentoring and Research & Development with organizations of high repute.

WORK EXPERIENCE (09 years)

- From 27th July, 2010 to present with M.U.C. Women's College, Burdwan, as **Assistant Professor (substantive post) of Microbiology**. Also served as Head of the Department from July, 2010 to June, 2014.
- January, 2010- June, 2010 with **Asutosh College**, Kolkata as Guest Lecturer of Microbiology.
- July, 2006- June, 2010 with **Ramakrishna Mission Vidyamandira College, Belur Math**, as Part-time Lecturer of Microbiology.

ACADEMIC DETAILS

2009-Present	Pursuing research work for Ph.D. (Biotechnology) from University of Calcutta under the guidance of Dr. Gopal Chakrabarti.
2006	M.Sc. (Microbiology) from University of Calcutta with 70.6% marks.
2004	B.Sc. (Hons. in Microbiology) from University of Calcutta with 65.9% marks.
2001	Higher Secondary (with Physics, Chemistry, Maths, Biology) from W.B.C.H.S.E. with 73.3% marks.
1999	Secondary Examination from W.B.B.S.E. with 82.5% Marks.

Others:

2007	Qualified NET (National Eligibility Test) in Life Sciences conducted by CSIR-UGC.
2007	Qualified GATE (Graduate Aptitude Test in Engineering) in Life Science (XL) jointly by IIT & IISc.

KNOWLEDGE PURVIEW

- Well versed with:
 - Techniques related to Microbiology
 - Enzyme Kinetic Study
 - Scanning Electron Microscopy
 - Biochemical Analytical Methods
 - Fermentation Technology
 - DNA and Protein Gel
- Conversant with Modules like:
 - General Microbiology
 - Cell Biology & Signaling (Cellular Communication)
 - Genetics (both Mendelian & Microbial)
 - Enzymology
 - Metabolism (both Eukaryotic & Microbial)
 - Molecular Biology & Recombinant DNA Technology
 - Genomics & Proteomics
 - Immunology and Virology
 - Clinical Microbiology
 - Biophysics and Bioinformatics

PROJECTS HANDLED

- “Single Nucleotide Polymorphism (SNP) of Toll-Like Receptor-9 (*tlr-9*) gene in different population of India.”
Duration: 6 months (June, 2005-December, 2005)
Supervisor: Dr. Keya Chaudhuri
Institute: Indian Institute of Chemical Biology (IICB), Kolkata.

PUBLICATIONS

- Das A, Bhattacharya A, **Chakrabarty S**, Ganguli A, Chakrabarti G. Smokeless tobacco extract (STE)- induced toxicity in mammalian cells is mediated by the disruption of cellular microtubule network: a key mechanism of cytotoxicity. *PLoS One*. 2013 Jul 11; 8(7).
- Das A, Choudhury D, **Chakrabarty S**, Bhattacharya A, Chakrabarti G. Acenaphthenequinone induces cell cycle arrest and mitochondrial apoptosis *via* disruption of cellular microtubules. *Toxicol. Res.*, 2012 Jun 24, 1, 171-185.
- **Chakrabarty S**, Das A, Bhattacharya A, Chakrabarti G. Theaflavins depolymerize microtubule network through tubulin binding and cause apoptosis of cervical carcinoma HeLa cells. *J Agric Food Chem*. 2011 Mar 9; 59(5):2040-8.
- Das A, **Chakrabarty S**, Choudhury D, Chakrabarti G.1, 4-Benzoquinone (PBQ) induced toxicity in lung epithelial cells is mediated by the disruption of the microtubule network and activation of caspase-3. *Chem Res Toxicol*. 2010 Jun 21;23(6):1054-66.
- **Chakrabarty S**, Ganguli A, Chakrabarti G. Epigallocatechin-3-gallate shows anti proliferative activity in HeLa Cells targeting tubulin-microtubule equilibrium. *Under review*.

INTERNATIONAL CONFERENCES ATTENDED

- Seminar at:
 - Presented research poster at ‘30th Annual Convention of Indian Association for Cancer Research and International Symposium on Signaling Network and Cancer’ held at Indian Institute of Chemical Biology, Kolkata, during February 6-9, 2011.
 - Presented poster in ‘the International Conference on Perspectives of Cell Signaling and Molecular Medicine’ held at Bose Institute, Kolkata, during November, 27-29, 2008.

IT SKILLS:

Well versed with MS Office & Internet Applications

PERSONAL DETAILS

Date of Birth 2ND January, 1983.
Permanent Address R-6/2, Prantika Sarkari Abasan, Sarangabad, Budge Budge, Kolkata-700137
Languages Known English, Hindi & Bengali