

Dr. Indranil Chattopadhyay, *Ph.D.*,

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Professional Experience:

- **Assistant Professor**, Department of Life Sciences, Central University of Tamil Nadu, Thiruvarur-610 101. India (2013 May- Till Date)
- **Post Doctoral Fellow**, Cancer Genetics Department, Roswell Park Cancer Institute, Buffalo, NY, USA (Sep, 2011- April, 2013)
- **Post Doctoral Fellow**, Division of Hematology/Oncology, University of Kansas Medical Center, Kansas, USA. (June, 2010- Aug, 2011)

Awards and Honours

- INSA Summer Research Fellowship (2016)
- Awarded UGC-BSR Research Start-Up-Grant (2016)
- International Cancer Technology Transfer Fellowship by UICC in 2007 at Peter Mac Callum Cancer Institute; Melbourne; Australia

Grants and Fellowships:

- **Senior Research Fellow and Research Associate (SRF)** - National Institute of Pathology, New Delhi, India. (Aug, 2004- may, 2010)
- **Junior Research Fellow**, Indira Gandhi Centre for Atomic Centre, (Feb, 2002- July2004)
- **Research Fellow**, Chonnam National University, South Korea (Sep, 2000- Jan, 2002)
- **Project Assistant**, Indian Institute of Chemical Biology, Kolkata. (April, 1999- Aug, 2000)

Research Projects

Scheme & Funding Agency	Grant Period	Amount in Laksh (Rs)	Status
UGC-BSR Research Start-Up-Grant	2014-2017	06.00	Ongoing
DST-SERB Extramural Grant	2016-2019	35.00	Ongoing

Memberships in Societies & Professional Bodies

- HUGO (Human Genome Organization)
- Associate Member of American Association of Cancer Research (USA)
- UICC (International Union against Cancer)
- Indian Association of Cancer Research (IACR)
- Society of Biological Chemistry (SBC); India
- Environmental mutagen society of India (EMSI, India)

PUBLICATIONS

Peer reviewed Journal

1. **Chattopadhyay I**, Wang J, Qin M, Gao L, Holtz R, Vessella RL, Leach RW, Gelman IH. Src promotes castration-recurrent prostate cancer through androgen receptor-dependent canonical and noncanonical transcriptional signatures. *Oncotarget*. 2016 Dec 31. doi: 10.18632/oncotarget.14401. (IF: 5.008)
2. Singh V, Singh LC, Vasudevan M, **Chattopadhyay I**, Borthakar BB, Rai AK, Phukan RK, Sharma J, Mahanta J, Katakı AC, Kapur S, Saxena S. Esophageal Cancer Epigenomics and Integrome Analysis of Genome-Wide Methylation and Expression in High Risk Northeast Indian Population. *OMICS*; 2015 Nov; 19(11):688-99. (IF: 2.896)
3. Sharma A, Pandey A, Sharma S, **Chatterjee I**, Mehrotra R, Sehgal A, Sharma JK. Genetic polymorphism of glutathione S-transferase P1 (GSTP1) in Delhi population and comparison with other global populations. *Meta Gene*; 2014 Jan 20; 2:134-42
4. Yadav DS, **Chattopadhyay I**, Verma A, Devi TR, Singh LC, Sharma JD, Katakı ACh, Saxena S, Kapur S. A pilot study evaluating genetic alterations that drive tobacco- and betel quid associated oral cancer in Northeast India. *Tumour Biol*. 2014 Sep; 35(9):9317-30. (IF: 2.926)

5. Sharma A, Das BC, Sehgal A, Mehrotra R, Kar P, Sardana S, Phukan R, Mahanta J, Purkayastha J, Saxena S, Kapur S, **Chatterjee I**, Sharma JK. GSTM1 and GSTT1 polymorphism and susceptibility to esophageal cancer in high- and low-risk regions of India. *Tumour Biol.* 2013 Oct; 34(5):3249-57. (IF: 2.926)
6. Kaushal M, **Chattopadhyay I**, Phukan R, Purkayastha J, Mahanta J, Kapur S, Saxena S. Contribution of germ line BRCA2 sequence alterations to risk of familial esophageal cancer in a highrisk area of India. *Dis Esophagus*; 2010 Jan; 23(1):71-5. (IF: 2.146)
7. **Chattopadhyay I**, Singh A, Phukan R, Purkayastha J, Kataki A, Mahanta J, Saxena S, Kapur S. Genome-wide analysis of chromosomal alterations in patients with esophageal squamous cell carcinoma exposed to tobacco and betel quid from high-risk area in India. *Mutat Res.* 2010 Feb; 696(2):130-8. (IF: 3.680)
8. Thoudam RD, Yadav DS, Mishra AK, Kaushal M, Ihsan R, **Chattopadhyay I**, Chauhan PS, Sarma J, Zomawia E, Verma Y, Nandkumar A, Mahanta J, Phukan R, Kapur S, Saxena S. Distribution of glutathione S-transferase T1 and M1 genes polymorphisms in North East Indians: a potential report. *Genet Test Mol Biomarkers*; 2010 Apr; 14(2):163-9. (IF: 1.297)
9. Ihsan R, **Chattopadhyay I**, Phukan R, Mishra AK, Purkayastha J, Sharma J, Zomawia E, Verma Y, Mahanta J, Saxena S, Kapur S. Role of epoxide hydrolase 1 gene polymorphisms in esophageal cancer in a high-risk area in India. *J Gastroenterol Hepatol*; 2010 Aug; 25(8):1456- 62. (IF: 3.322)
10. Singh A, Kapur S, **Chattopadhyay I**, Purkayastha J, Sharma J, Mishra A, Hewitt SM, Saxena S. Cytokeratin immunoexpression in esophageal squamous cell carcinoma of high-risk population in Northeast India. *Appl Immunohistochem Mol Morphol*; 2009 Oct; 17(5):419-24. (IF: 1.553)
11. **Chattopadhyay I**, Phukan R, Singh A, Vasudevan M, Purkayastha J, Hewitt S, Kataki A, Mahanta J, Kapur S, Saxena S. Molecular profiling to identify molecular mechanism in esophageal cancer with familial clustering. *Oncol Rep*; 2009 May; 21(5):1135-46. (2.301)
12. **Chattopadhyay I**, Kapur S, Purkayastha J, Phukan R, Kataki A, Mahanta J, Saxena S. Gene expression profile of esophageal cancer in North East India by cDNA microarray analysis. *World J Gastroenterol*; 2007 Mar 7; 13(9):1438-44. (IF:2.787)

Papers presented in Conferences/seminars: National: 01 International: 10