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Professional Experience:

- DST INSPIRE FACULTY, Institute of Advanced Study in Science and Technology, Paschim Boragaon, Guwahati-781035, Assam (April 2015- till date)
- Research Scientist II in Multi-Disciplinary Research Unit (ICMR) in Silchar Medical College and Hospital, Silchar, Assam (Dec 2014th April 2015)
- Postdoctoral Research Associate, Boston University School of Medicine, Boston, Massachusetts, USA (June-December 2014)
- Faculty, Burdwan University, West Bengal. (2007-2009)

Awards and Honours

- DST Inspire Faculty Award – 2015
- First Prize Winner in the International Conference on Biodiversity Conservation and Environmental Health, March, 2012 on ‘Whole mitochondrial genome analysis of Oral Cancer’.
- Best Poster Presentation Award in Medical Sciences at 97th Indian Science Congress, 2010 on Prevalence of Oral cancer and association with mtDNA mutation.
- National Science Olympiad Award (2000) for Distinctive performance in Higher Secondary level.
- National Talent Search Contest Award (1994) for Distinctive performance

Grants and Fellowships:

- Department of Biotechnology Project Fellow award: Cancer genomics and immunology from DBT, Govt. of India.
 - a) Junior Research Fellow (DBT, GoI) Sept 2010-August, 2012
 - b) Senior Research Fellow (DBT, GoI) Sept 2012-January, 2014
- University Grand Commission (UGC) Merit fellowship for PhD programme at Assam University, Silchar from February 2009 to August 2010

Education details

2008-2013	Ph. D., Cancer Genomics Assam University, Silchar
2005-2007	M.Sc., Biotechnology Periyar University, Salem, Tamil Nadu, INDIA
2002-2005	B.Sc., (Hons) Biotechnology Burdwan University, West Bengal, INDIA

PUBLICATIONS

Peer reviewed Journal

1. Choudhury JH, Singh AS,...**Mondal R** and Ghosh SK (2015): Tobacco Carcinogen Metabolizing Genes CYP1A1, GSTM1, and GSTT1 Polymorphisms and their Interaction with Tobacco Exposure Influence the risk of Head and Neck Cancer in Northeast Indian Population. *Tumor Biology* 36: 5773–5783 (IF: 2.926)
2. Laskar RS, Talukdar FR, Choudhury JH, Singh AS, Kundu S, Dhar B, **Mondal R**, Ghosh SK (2015). Association of HPV with genetic and epigenetic alterations in colorectal adenocarcinoma from Indian population. *Tumor Biology* 36(6):4661-70 (IF: 2.926)
3. Ghosh SK*, Singh AS*, **Mondal R***, Kapfo W, Khamo V, Singh YI (2014). Dysfunction of mitochondria due to environmental carcinogens in nasopharyngeal carcinoma in the ethnic group of Northeast Indian population. *Tumor Biology*. 31(1):581. (*Equal contribution) (IF: 2.926)
4. Laskar RS, Talukdar FR, **Mondal R**, Ghosh SK (2014). High frequency of young age rectal cancer in a tertiary care centre of Southern Assam, North East India. *Indian Journal of Medical Research* 139:314-318. (IF: 2.061)
5. **Mondal R**, Ghosh SK, Talukdar FR and Laskar RS (2013). Association of mitochondrial Dloop mutations with GSTM1 and GSTT1 polymorphisms in oral carcinoma: A case control study from Northeast India. *Oral oncology* 49: 345-53. (IF: 3.607)

6. **Mondal R**, Ghosh SK (2013). Accumulation of mutations over the complete mitochondrial genome in tobacco-related oral cancer from northeast India. *Mitochondrial DNA* 24(4):432-9. (IF: 1.760)
7. **Mondal R**, Ghosh SK, et al. (2013). Mitochondrial DNA Copy Number and Risk of Oral Cancer: A Report from Northeast India. *PLoS ONE* 8(3). (IF: 3.234)
8. Talukdar FR, Ghosh SK, Laskar RS, **Mondal R** (2013) Epigenetic, Genetic and Environmental Interactions in Esophageal Squamous Cell Carcinoma from Northeast India. *PLoS ONE*8(4). (IF: 3.234)
9. Ghosh PR, Mahadani P, **Mondal R**, Das PK and Ghosh SK (2013): DNA Barcoding of Domestic Indigenous Fowls from Eastern India *J. Environ. & Sociobiol* 10 (1), 7-14
10. Ghosh SK, **Mondal R** (2012). Quick diagnosis of female genital tuberculosis using multiplex fast polymerase chain reaction in Southern Assam, India. *International Journal of Gynecology and Obstetrics*118: 72–73. (IF: 4.704)
11. Ghosh SK, Choudhury B, Hansa J, **Mondal R**, Singh M, et al. (2011). Human papillomavirus testing for suspected cervical cancer patients from Southern Assam by fast-PCR. *Asian Pacific Journal of Cancer Prevention*12: 749–751

Book chapters

1. Molecular Biology in DNA Barcoding. *In: A Text book on DNA BARCODING* pp 71-104
2. Individual DNA Barcoding: Promises and Challenges. *In: A Text book on DNA BARCODING* pp 137-148

Selected Conference presentations:

1. **Mondal R**: Association of HPV infection, xenobiotic gene polymorphism, mitochondrial mutations and tobacco with oral cancer-A study from Northeast India at Eurogin 2016, Salzburg, Austria on June 2016. (Oral presentation)
2. **Mondal R** and Ghosh SK: Mitochondrial DNA Mutation and Copy Number in Oral Squamous Cell Carcinoma from North East Indians organized by Bose Institute, Kolkata, in 2nd International Conference titled Perspective of Cell Signaling and Molecular Medicine, being held on January, 2012
3. **Mondal R** and Ghosh SK: Mitochondrial DNA Genomics as Biomarker in Head and Neck Cancer from Southern Assam organized by American Association of Cancer Research (AACR) International Conference titled New Horizons in Cancer Research: Biology to Prevention to Therapy, being held on December, 2011.

4. **Mondal R**, Hansa J, Kannan K and Ghosh SK: Detection of Mitochondrial Genome Variation in Head and Neck Cancer, 98th Indian Science Congress, January, 2011.
5. **Mondal R**, Hansa J, Kannan R and Ghosh SK: Prevalence of Oral Cancer and its Association with Mitochondrial DNA Mutation from Northeast India, 97th Indian Science Congress, 2010 (Best poster presentation award in Medical Sciences).
6. Dhar B, **Mondal R**, Hansa J and Ghosh SK: COLD-PCR: A Molecular Tool for Mutation Detection in TPO, BRCA1 and D-loop of mitochondrial DNA, organized by Bose Institute, Kolkata, in 2nd International Conference titled Perspective of Cell Signaling and Molecular Medicine, being held on January, 2012.
7. Shirin R, **Mondal R**, Kannan R and Ghosh SK: Association of Human Papilloma Virus and Epstein Barr Virus in Oral and Gastrointestinal Tract carcinogenesis organized by Bose Institute in 2nd International Conference titled Perspective of Cell Signaling and Molecular Medicine, being held on January 8-11, 2012.
8. Shirin R, Rahman F, **Mondal R**, Hansa J and Ghosh SK: The Effect of Betel Quid and Tobacco Chewing, GSTM1, Methylation of p16 Gene and Epstein Barr Virus (EBV) Infection on Esophageal Carcinoma: A case control study in High Incidence Region of Northeast India organized by American Association of Cancer Research (AACR) International Conference titled New Horizons in Cancer Research: Biology to Prevention to Therapy, being held on December, 2011

Sequences on NCBI and EBML databases:

Gene bank Accession Number: (more than 50)

1. Human Mitochondrial D-loop Sequence JN603607-29
2. Human Mitochondrial D-loop Cancer Patient Sequence JN793569-86
3. Human BRCA1 gene [related to Breast Cancer] HE600032.1-38.1