

Faculty Profile

Name: Dr. Yashmin Choudhury

Designation: Assistant Professor

Department/Centre: Biotechnology

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Educational Qualifications: M.Sc in Biochemistry, North-Eastern Hill University, Shillong (2002);

Ph.D in Biochemistry, North-Eastern Hill University, Shillong (2010);

Post doctorate, The Beatson Institute for Cancer Research, Glasgow, United Kingdom (2012-2013)

Areas of Interest: **Cancer biology, biochemistry, molecular biology, targeting signalling pathways in disease amelioration**

Work Experience: [In chronological order with the recent one at the last.]

Name of the Organization	Designation	Period		Nature of Post (permanent/temporary/Ad-hoc/ contractual etc.)
		From	To	
Department of Biochemistry, St. Edmund's College, Shillong.	Lecturer	August 2002	July 2003	Adhoc
Department of Biotechnology, St. Anthony's College, Shillong.	Lecturer (Post-graduate and undergraduate level)	1 st May 2006	2 nd November 2009	Permanent
Department of Biotechnology, Assam University, Silchar.	Assistant Professor	3 rd November 2009	continuing till date	Permanent

Awards and Honours (if any): [Maximum upto 5]

[In chronological order with the recent one at the last.]

Award Details	Awarding Agency	Year	Remark (if any)
Award of Excellence for securing 2 nd rank in University Examination (Biochemistry Honours), 2000.	St. Edmund's College, Shillong.	2000	Nature of award-citation
University Gold Medal, NEHU, Shillong , for securing 1 st rank in M.Sc Biochemistry Examination, 2002.	North-Eastern Hill University, Shillong	2002	Nature of award-citation and gold medal
Young Scientist Award for oral presentation at the International Conference on Radiation Biology and Translational research in Radiation Oncology , Jaipur, 2008.	International Society for Radiation Biology	2008	Nature of award-citation
Best Poster Presentation Award of the Indian Science Congress Association, Kolkata, in the section of New Biology during the 96 th Indian Science Congress, 2009.	Indian Science Congress Association, Kolkata	2009	Nature of award-citation and cash prize
DBT Overseas associateship for NER (2012-2013) for pursuing training/research at the Beatson Institute for Cancer Research, Glasgow, United Kingdom.	Department of Biotechnology, Government of India	2012-2013	Associateship for a period of one year

Projects: [In chronological order with the recent one at the last. Mention shall be made if the project is ongoing or completed]

Project Title	Awarding Agency	Period	Amount Sanctioned	Ongoing/ Completed
PI under "Twining Program for NER" entitled "Development of cancer biomarker based on alterations in levels of circulating blood lymphocytes and p53, BRCA1 and BRCA2 proteins in peripheral blood lymphocytes of cancer patients"	Department of Biotechnology, Government of India	October, 2011-April, 2015	Rs. 43.76 lakh only	Completed

Co-PI of project entitled “Head and Neck; Breast Cancer Genomics”	Department of Biotechnology, Government of India	24th September 2009 - date	Rs 89 lakh only	Ongoing
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Consultancy/International Collaboration: [In chronological order with the recent one at the last.]

None

Publications in Peer Reviewed Journals/Book Chapters (Maximum 5) **Total No: 12 research articles, 3 book chapters**

Authors	Title of the Paper/Chapter	Name of the Journal/Book	Journal/Book details	ISSN/ISBN
Sambuddha Das, Sayantan Nath, Aditi Bhowmik, Sankar Kumar Ghosh, Yashmin Choudhury	Association between OGG1Ser326 polymorphism and risk of upper aerodigestive tract and gastrointestinal cancers: A meta-analysis.	<i>SpringerPlus</i> ,	2016, 35 (1), 1-11	ISSN: 2193-1801 (electronic version)
Aditi Bhowmik, Sambuddha Das, Abhinandan Bhattacharjee, Biswadeep Choudhury, Momota Naiding, Sujata Deka, Sankar Kumar Ghosh, Yashmin Choudhury	MDM2 and TP53 Polymorphisms as Predictive Markers for Head and Neck Cancer in Northeast Indian Population: Effect of Gene-Gene and Gene-Environment Interactions.	<i>Asian Pacific Journal of Cancer Prevention</i>	2015, 16(14), 5767-72	ISSN: 1513-7368(Print)
Sambuddha Das, Aditi Bhowmik, Abhinandan Bhattacharjee, Biswadeep Choudhury, Momota Naiding, Agniv Kr Laskar, Sankar Kumar	XPD, APE1, and MUTYH polymorphisms increase head and neck cancer risk: effect of gene-gene and gene-environment interactions.	<i>Tumor Biology</i>	2015, 36 (10) 7569- 7579	ISSN: 1010-4283 (Print) 1423-0380 (Online)

Ghosh, Yashmin Choudhury				
Yashmin Choudhury, Ian P. Salt and Hing Y Leung	AMP-activated kinase-friend or foe in the era of targeted therapy?	<i>Cell Cycle</i>	2015, 14(12), 1761-2	ISSN 1538-4101 (Print), 1551-4005 (Online)
Aditi Bhowmik, Sayantan Nath, Sambuddha Das, Sankar Kumar Ghosh, Yashmin Choudhury	ATM rs189037 (G→A) polymorphism and risk of lung cancer and head and neck cancer: A meta-analysis.	<i>Meta-Gene</i>	2015, 6, 42-48	ISSN: 2214-5400 (Electronic) 2214-5400 (Linking)
Yashmin Choudhury, Zichu Yang, Imran Ahmad, Colin Nixon, Ian P. Salt and Hing Y Leung	AMP-activated protein kinase (AMPK) as a potential therapeutic target independent of PI3K/Akt signalling in prostate cancer	<i>Oncoscience</i>	2014, 6, 446-456	ISSN: (P) 2331-4737 ISSN (L) 2331-4737
Rajeshwar N Sharan, Ravi Mehrotra, Yashmin Choudhury, and Kamlesh Asotra	Association of betel nut with carcinogenesis: Revisit with a clinical perspective.	<i>PLoS One</i>	2012, 7(8):e42759	ISSN: 1932-6203

Books Authored/Edited Books (Maximum 5)

None

Peer Reviewed Publications in Proceedings of National/International Conference/Workshop/Symposium (Maximum 5)

Authors	Title of the Paper	Name of the Program and Organizer	Publisher Details	ISBN/ISSN
Hing Y Leung, Yashmin Choudhury, Zichu Yang, Ian P Salt	In vitro analysis of AMPK in human prostate cancer, BAUS Abstracts.	Society of Academic and Research Surgery (SARS) Annual Meeting, 8–9 January 2014	<i>British Journal of Surgery</i> , 2014, 101,56-58	Online ISSN: 1365-2168

Sayantana Nath, Sankar K. Ghosh, Yashmin Choudhury	Gender tissue specific activation of AMPK in a mouse model of type I diabetes mellitus	7 th Indo Global diabetes Summit November 23-25, 2015, Bengaluru, India	Journal of Diabetes and Metabolism 6:11	ISSN: 2155-6156]
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Patents (if any): None

Details of Ph.D degree awarded (Under the supervision of the faculty): None (Five scholars are currently being supervised)