

## CURRICULUM VITAE

**Sweta Sharma Saha, PhD**  
Research Associate  
Northern Institute for Cancer Research  
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<b>Name:</b> SWETA SHARMA SAHA	
<b>Current appointment:</b> Research Associate, Project: Northern nEoadjuvant Ovarian CAncer Translational Study (NEOCATS)	
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<b>Mobile number:</b> +44 7786899697	<b>Email address:</b> <a href="mailto:sweta.sharma-saha@newcastle.ac.uk">sweta.sharma-saha@newcastle.ac.uk</a> , <a href="mailto:swetasharma86@gmail.com">swetasharma86@gmail.com</a>
<b>Qualifications:</b>	
2010-2017: PhD in Biotechnology, University of Calcutta, India. Host Institute: National Institute of Biomedical Genomics (NIBMG), India. Thesis entitled: “ <i>An Investigation On The Role Of HOX Cluster Encoded Genes And Long Non-coding Transcripts in Human Papillomavirus (HPV) Associated Cervical Cancer Pathogenesis</i> ”. Supervisor: Prof. Sharmila Sengupta	
2007-2009: M.Sc. in Microbiology (Grade: A+). University of Calcutta, India.	
2004-2007: B.Sc. (Hons) in Microbiology (First Class). Scottish Church College affiliated to University of Calcutta, India.	
<b>Previous and other appointments:</b>	
May 2018- December 2018:	Post-doctoral Scholar, Department of Medicine (Hematology/Oncology), The University of Chicago, USA. Project title: “ <i>Combinatorial Immunotherapy Strategies to Reverse Immunosuppression in PTEN-deficient Prostate Cancer</i> ”. PI: Dr Akash Patnaik
April 2017- April 2018:	Laboratory Technologist (Translation Studies), Tata Medical Center, India. Project title: “ <i>Integrated cervical cancer prevention and treatment stratification study: Systems medicine Cluster approach (ICC SyMec)</i> ” PI: Dr Asima Mukhopadhyay
<b>Research experience:</b>	
November 2016 – March 2017:	Senior Research Fellow, National Institute of Biomedical Genomics (NIBMG), India. Project title: “ <i>Genome Editing Project</i> ”. PIs: Prof. Sharmila Sengupta and Dr. Moulinath Acharya
July 2015 – October 2016:	Senior Research Fellow, National Institute of Biomedical Genomics (NIBMG), India. Project title: “ <i>HPV16 methylome, methylation and expression status of host genes: influence on cervical cancer pathogenesis</i> ”. PI: Prof. Sharmila Sengupta
April 2012 – March, 2015:	Senior Research Fellow (Doctoral research work), National Institute of Biomedical Genomics (NIBMG), India.
November 2010 – March 2012:	Junior Research Fellow (Doctoral research work), National Institute of Biomedical Genomics (NIBMG), India.
September 2009–August 2010:	Junior Research Fellow, Department of Genetics, University of Calcutta, India. Project title: “ <i>Inhibition of Hepatitis C virus through lentiviral mediated delivery of multiple siRNAs</i> ”. PI: Dr. Binay Chaubey.
<b>Research training:</b>	
2017: Completed online training on “Good Clinical Practices” (GCP) conducted by Novartis	
2013: Completed the “Basic” course on “Good Laboratory Practices” (GLP) conducted by Clinical Development Services Agency, India at National Institute of Biomedical Genomics (NIBMG),	

Kalyani, India	
2013: Attended “NIBMG-EBI Winter School on Analysis of Massively Parallel Sequencing Data” at National Institute of Biomedical Genomics (NIBMG), Kalyani, India.	
2012: Attended “5th Annual Meeting of the Cytometry Society, India & 13th Indo-US Workshop on Advanced Flow Cytometry Techniques” at Centre for Research in Nanoscience and Nanotechnology (CRNN), Kolkata, India.	
2012: Attended the workshop “NIBMG Winter School-Genetic Dissection of a Complex Disease: Analytical Approaches”, at National Institute of Biomedical Genomics (NIBMG), Kalyani, India.	
2011: Ph.D. course work on Cancer Biology, Immunology, Population Genetics, Statistics, Programming (Basics of C language), Bioinformatics and Systems Biology at National Institute of Biomedical Genomics (NIBMG), Kalyani, India.	
2010: Workshop on “Clinical and Genetic aspects of Chronic and Infectious disease: with special reference to Cancer and Tuberculosis”, at National Institute of Biomedical Genomics (NIBMG), Kalyani, India organised by National Institute of Biomedical Genomics, Kalyani, and Jawaharlal Nehru Memorial Hospital, Kalyani, India.	
<b>Relevant publications:</b>	
<b>Research Articles</b>	
(1) <u>Sharma S</u> , Mandal P, Sadhukhan T, Roy Chowdhury R, Mondal N R, Chakravarty B, Chatterjee T, Roy S and Sengupta S. Bridging Links between Long Noncoding RNA HOTAIR and HPV Oncoprotein E7 in Cervical Cancer Pathogenesis. <b>Scientific Reports</b> (2015) July 8; doi: 10.1038/srep11724.	
(2) <u>Sharma Saha S</u> , Roy Chowdhury R, Mondal N R, Chakravarty B, Chatterjee T, Roy S and Sengupta S. Interplay between lncRNA HOTAIR genetic variations, HPV16 E7 and miR-22 expression in cervical cancer pathogenesis. <b>Cellular Oncology</b> (2016); September 28;doi: 10.1007/s13402-016-0298-0.	
(3) <u>Sharma Saha S</u> , Roy Chowdhury R, Mondal N R, Chakravarty B, Chatterjee T, Roy S and Sengupta S. Expression Signatures of HOX Cluster Genes in Cervical Cancer Pathogenesis: Impact of Human Papillomavirus type 16 oncoprotein E7. <b>Oncotarget</b> (2017) March 28. doi: 10.18632/oncotarget.16619.	
(4) Bhattacharya A, Sen S, Mandal P, <u>Sharma Saha S</u> , Sarkar S, Pathak O, Biswas L, Roy J, Banerjee R, Roy Chowdhury R, Pal M, Mukherjee A, Sengupta S. Prevalence and age-wise distribution of Human Papillomavirus type 16/18 infections among hospital screened women of a peri-urban area in West Bengal: Impact of socio-demographic factors. <b>Cancer Epidemiology</b> (2018) March 11. doi.org/10.1016/j.canep.2018.03.005	
<b>Book Chapter</b>	
(1) <u>Sharma Saha S</u> and Sengupta S. Future directions and challenges involved in cancer noncoding RNomics, Chapter 28, Cancer and Noncoding RNAs, <b>Translational Epigenetics</b> (Elsevier, Hardcover ISBN: 9780128110225, 2017).	
<b>Fellowships and awards:</b>	
(1) <b>2009:</b> Council of Scientific & Industrial Research (CSIR) and University Grants Commission (UGC), National Eligibility Test (NET) – <b>Lectureship Junior Research Fellowship (All India Ranking: 54)</b>	
(2) <b>2009:</b> Council of Scientific & Industrial Research (CSIR), National Eligibility Test (NET) - (3) <b>2012:</b> Council of Scientific & Industrial Research (CSIR), <b>Senior Research Fellowship</b>	
(4) <b>BEST POSTER AWARD</b> for the poster entitled “An exploratory analysis of the role of Long Noncoding RNA, HOTAIR, in HPV16 related cervical cancer pathogenesis” at the “38th Annual Conference of Indian Society of Human Genetics & International Symposium on Developmental and Complex Disorders” at Banaras Hindu University (BHU), Varanasi, India in 2012	
(5) <b>1st Prize Award</b> for <b>ORAL PRESENTATION</b> entitled “HPV16 oncoprotein E7 mediated regulation of noncoding RNAs in driving cervical cancer pathogenesis” at “3rd Annual Symposia of Calcutta Consortium of Human Genetics (CCHuGe)”, Kolkata, India in 2015	
(6) <b>2nd Prize Award</b> for <b>POSTER PRESENTATION</b> entitled “Deregulation of Long Noncoding RNA HOTTIP/HOXA13 expression associates with poor prognosis in HPV16 related cervical squamous cell carcinomas at the 8 <sup>th</sup> Annual AOGIN India Conference 2017	
(7) <b>Sigal Immuno-oncology Fellowship</b> for Post-doctoral Fellows at the Hematology/Oncology Section at the Department of Medicine, University of Chicago.	
<b>Signature:</b> 	<b>Date: 25/02/2019</b>