

Curriculum Vitae

Name: Rahul Roy Chowdhury MBBS, MRCOG (UK), FRCOG (UK), PGC Medical Education (Brighton University, UK), CCT (UK)

Designation: **Consultant Gynaecological Oncologist**

Department/Institute/University: Saroj Gupta Cancer Centre and Research Institute, Kolkata

Address: Mahatma Gandhi Road, Thakurpukur, Kolkata 700063, India.

Education (Post-Graduation onwards & Professional Career)

Sl No.	Institution Place	Degree Awarded	Year	Field of Study
1	The John Radcliffe Hospital, Headington, Oxford	CCT (Completion Certificate of Training)	2007	Gynaecology and Obstetrics
2	Brighton University, East Sussex, UK	PGC, Medical Education	2004	Medical Education, Communication skills, Problem based learning
3	Royal College of Obstetricians and Gynaecologists, London, UK	MRCOG	2002	Gynaecology and Obstetrics
4	Royal College of Obstetricians and Gynaecologists, London, UK	FRCOG	2015	Gynaecology

A. Position and Honors

Position and Employment (Starting with the most recent employment)

Sl No.	Institution Place	Position	From (Date)	To (date)
1	Saroj Gupta Cancer Centre and Research Institute, Kolkata Narayana Superspeciality Hospital, NH Cancer Institute	Consultant Gynaecological Oncologist	July 2008	Present
2	Oxford Radcliffe Hospitals NHS Trust	Specialist Registrar	August 2005	March 2008
3	Brighton and Sussex University Hospital NHS Trust	Registrar	September 2001	July 2005

Experience in Gynaecologic Oncology at John Radcliffe Hospital, Oxford, UK

I joined John Radcliffe Hospital [Oxford Radcliffe Hospitals NHS Trust] as Specialist Registrar Year 4 – 5 from August 2005. I worked in Gynaecologic Oncology under Mark Charnock in John Radcliffe. I gained experience in performing Radical Surgery for Ovarian Cancer, Endometrial Cancer and Cervical Cancer patients. I also performed Colposcopy and Loop Excision biopsies and treatment for Cervical precancers. Following my satisfactory completion of Specialist Registrar tenure, I was awarded Completion Certificate of Training [CCT] by PMETB [Postgraduate Medical Education Board, UK].

Experience in Saroj Gupta Cancer Centre and Research Institute, Kolkata

I joined Saroj Gupta Cancer Centre and Research Institute, Thakurpukur from 3rd July, 2008 as a Consultant in Gynaecologic Oncology with admission rights. I have been practicing Gynaecologic Oncology till date in this Institute. It covers Colposcopy and treatment of precancers of cervix, Hysteroscopy and hysteroscopy guided biopsies, Radical surgeries for Cervical Cancers, Ovarian Cancers and Endometrial and Vulval Cancers. I am also conversant with the principles of delivery of chemotherapy, though this is primarily undertaken by the Medical Oncology Department.

Positions of Responsibility

Member, Association of Gynaecologists of India

Member, Indian Society of Colposcopists and Cervical Pathologists

Chairperson, Gynaecology Subcommittee , Bengal Obstetrics and Gynaecological Society, 2019 - 2020

Member Secretary, Institutional Ethics Committee, Saroj Gupta Cancer Centre and Research Institute, Kolkata 2014 – 2015

Coordinator, Clinical Trials Division, Saroj Gupta Cancer Centre and Research Institute, Kolkata 2015

Member, Indian Association of Surgical Oncologists, 2020

Presentations:

- 1 Panposium: Oncology for the Generalist Management of CIN and Lymphadenectomy in Ovarian Cancer-Moderator, BOGSCON 44, Annual Conference of the Bengal Obstetric & Gynaecological Society, Hyatt Regency, Kolkata, December 2018.
- 2 Best of ASCO – 2017 Annual Meeting – Demystifying Advances in Oncology 14 – 16 July 2017, Chandigarh. Faculty Presentation [Overall survival results of ICON6: A trial of chemotherapy and cediranib in relapsed ovarian cancer]
- 3 Gynaecological Oncology - The Year that was ... The Best of 2016 and Masterclass – Expert discussion. Tata Memorial Hospital, Mumbai 7 – 8 January 2017
- 4 Imaging in adnexal Masses – AICCRCOG Annual conference, Mahabalipuram . 2016
- 5 HRT after gynae cancers , - hormone therapy for gynae cancers. AGOICON-2016. 2nd - 4th DECEMBER, 2016 – THE LEELA AMBIENCE, GURGAON
- 6 Current Regulatory requirements for members of Institutional Ethics committee – CDSA, Department of Biotechnology, Ministry of Science and Technology, Govt. of India. – Faculty – 26, 27 February 2015
- 7 Recent advances and management of Ca Endometrium. East Zone Conference of the Indian Menopause Society. October 31 – November 1, 2015, Kolkata
- 8 Management of Ovarian Cancer – Moderator, Panel discussion and operating faculty for live colposcopy workshop in BOGS Oncology Day and Colposcopy workshop, September 13, 2015, Chittaranjan National Cancer Institute Kolkata
- 9 Screening and Early Diagnosis of Ovarian Cancer. 29th AICC RCOG Annual Conference, 4th – 6th September 2015.

- 10 Faculty / Moderator in Current Regulatory Requirements for Members of Institutional Ethics Committee, organized by Clinical Development Services Agency (CDSA), Translational Health Science and Technology Institute (THSTI), Dept. of Biotechnology (DBT), Ministry of Science and Technology, Govt. of India on 26 – 27 February, 2015 at BM Birla Heart Research Centre, Kolkata.
- 11 Management of Uterine sarcomas in International Live operative workshop and master class in Gynecologic Oncology. 14 – 15 September, 2015, Manipal Comprehensive Cancer Centre, Manipal Hospital, Bangalore
- 12 Knowledge, attitude and perception of health professionals regarding cancer cervix and its screening in a cancer hospital in Kolkata, India.
- 13 Begum Anwar R**, Chakrabarty B*, Roy Chowdhury R*, Mondal NR*, Chatterjee T*; Afroz M**, Khanom A**, De S*, Sorcer S*, Paul P*

*** Assistant Professor (Gynae and Obs) Sahid Suhrawardy Medical College, Dhaka*

**Gynaecological Oncologist, Cancer Centre Welfare Home and Research Institute Kolkata, India FC3.22 (Free Communication) in the 10th RCOG International Scientific Congress, 5th – 8th June, 2012, Kuching, Sarawak, Malaysia (Presented by Begum Anwar R).*
- 14 Increased activity and expression of Matrix Metalloproteinases – 9 and 13 in Epithelial Ovarian Cancer – Dr Susri Ray Chaudhuri, Dr Rahul Roy Chowdhury, AGOICON 2011, KIIT University, Bhubaneswar Odhisa 9th -11th Sept 2011
- 15 Alternative Biological Markers for progression of Epithelial Ovarian Cancer – Dr S Ray Chaudhuri, Dr Rahul Roy Chowdhury, East Zone YUVA FOGSI 2012, 4th – 6th May 2012, at Hotel Hindustan Internantional; Kolkata
- 16 Increased activity and Expression of Matrix Metalloproteinases (MMP – 9 and 7) in Epithelial Ovarian Cancer – Dr S Ray Chaudhuri, Dr Rahul Roy Chowdhury, International Symposium on Emerging Trends in Free Radicals, Anti-oxidants and Neutraceuticals on Health, Disease and Radiation Biology, 12th -14th January 2012 at Lakeland Country Club Kolkata

Selected peer-reviewed publications

1. Mandal Paramita, Saha Sweta Sharma, Sen Shrinka, Bhattacharya Amrapali, Bhattacharya Nitai P, Bucha Sudha, Sinha Mithun, **Chowdhury Rahul Roy**, Mondal Nidhu Ranjan, Chakravarty Biman, Chatterjee Tanmay, Roy Sudipta, Chattapadhyay Ansuman and Sengupta Sharmila. Cervical cancer subtypes harbouring integrated and / or episomal HPV 16 portray distinct

molecular phenotypes based on transcriptome profiling of mRNAs and miRNAs. Mandal et al. Cell Death Discovery (2019)5:81. <https://doi.org/10.1038/s41420-019-0154-x>

2. Sweta Sharma Saha S, **Roy Chowdhury R**, Mondal NR, Roy S, Sengupta S. Expression signatures of HOX cluster genes in cervical cancer pathogenesis: Impact of human papillomavirus type 16 oncoprotein E7. *Oncotarget*. 2017 Mar 28. doi: 10.18632/oncotarget.16619. [Epub ahead of print]
3. Das Ghosh D, Mukhopadhyay I, Bhattacharya A, **Roy Chowdhury R**, Mandal NR, Roy S, Sengupta S. Impact of genetic variations and transcriptional alterations of HLA class I genes on cervical cancer pathogenesis. *Int. J. Cancer*: 140, 2498–2508 (2017)
4. Chakrabarti B, Mondal NR, Chatterjee T, **Roychowdhury R**. Analysis of 58 Cases of GTT from 2000-2013 at A Tertiary Cancer Center in India. *BAOJ Gynaec* 1: 010.
5. Saha S S, Roy Chowdhury R, Mondal NR, Chakravarty B, Chatterjee T, Roy S, Sengupta S. Identification of genetic variation in the lnc RNA HOTAIR associated with HPV16-related cervical cancer pathogenesis. *Cell Oncol*. DOI 10.1007/s13402-016-0298-0.
6. Mandal P, Bhattacharjee B, Sen S, Bhattacharya A, **Roy Chowdhury R**, Mondal NR, Sengupta S. 2016. Complete genome sequences of eight human papillomavirus type 16 Asian American and European variant isolates from cervical biopsies and lesions in Indian women. *Genome Announc* 4(3):e00243-16. doi:10.1128/genomeA.00243-16.
7. Sharma S, Mandal P, Sadhukhan T, **Roy Chowdhury R**, Mondal N.R., Chakravarty B, Chatterjee T, Roy S and Sengupta S (2015). Bridging Links between Long Noncoding RNA HOTAIR and HPV Oncoprotein E7 in Cervical Cancer Pathogenesis. *Scientific Reports* 5:11724/DOI: 10.1038/srep11724.
8. S Ray Chaudhuri (Guha), A Roy, I Chatterjee, **R Roy Chowdhury**, S Swarnakar. Landscape of Papillomavirus in human cancers: Prevention and therapeutic avenues. Book Chapter in *Cancer-causing viruses and their inhibitors*. S P Gupta and V Gautam Eds. CRC press; May 2014; 207-242.
9. Mandal P, Bhattacharjee B, Das Ghosh D, Mondal NR, **Roy Chowdhury R**, et al. (2013) Differential Expression of HPV16 L2 Gene in Cervical Cancers Harboring Episomal HPV16

Genomes: Influence of Synonymous and Non-Coding Region Variations. PLoS ONE 8(6): e65647. doi:10.1371/journal.pone.0065647

10. Das Ghosh D, Bhattacharjee B, Sen S, Premi L, Mukhopadhyay I, **Roy Chowdhury R**, Roy S, Sengupta S. (2012) Some Novel Insights on HPV16 Related Cervical Cancer Pathogenesis Based on Analyses of LCR Methylation, Viral Load, E7 and E2/E4 Expressions. PLoS ONE 7(9): e44678. doi:10.1371/journal.pone.0044678
11. Guha S, **Roy Chowdhury R** (2007). A long-term study of women with normal colposcopy after referral with low-grade cytological abnormalities. BJOG: An International Journal of Obstetrics and Gynaecology 114 (4), 508–508. (doi:10.1111/j.1471-0528.2006.01253.x)
12. **Roy Chowdhury R**, Ahern T, Mckenzie-Gray B. “Prelabour rupture of the broad ligament in a primigravida.” Br J Obstet Gynaecol 2004;111:181(February).
13. **Roy Chowdhury R**, Nath J, Bashir T. A case of primary ovarian carcinoid. Kent Surrey and Sussex Journal of Obstetrics and Gynaecology, 2004;2(2): 22-23 (September)
14. **Roy Chowdhury R**, Kalu G. Learning to give feedback in medical education. The Obstetrician and Gynaecologist 2004; 6: 243 - 247.
15. Kalu G, **Roy Chowdhury R**. Ethical and legal education as part of structured training in obstetrics and gynaecology. The Obstetrician and Gynaecologist 2005; 7: 44 – 48.
16. **Roy Chowdhury**, Webb, Madders, As. “Unilateral Autoamputation of the Fallopian Tube”: Journal of Obstetrics and Gynaecology, 1998;18(2):204 – 205.
17. Ash, Webb, **Roy Chowdhury**. “Malignant mixed mesodermal tumours of the ovary: 4 case reports and review of literature”. Journal of Obstetrics and Gynaecology; Nov’99;19(6);pp643-646

Posters:

1. Chakrabarti B, Mondal N, Chatterjee T, **Roy Chowdhury R**. Multiple Primaries in Gynaecological Cancer – A Retrospective Observational study from 1990 – 2017 at a tertiary cancer centre in Eastern India. November 2 – 5, 2019, Athens, Greece.
2. **Roy Chowdhury R**, Chatterjee T, Chakrabarti B, Mondal NR, Bandopadhyay MN, Roy P, Nath M. An overview of epidemiology of cervical cancer in a tertiary cancer centre in eastern India over a period of 13 years (1996-2008) First Annual meeting of the Kolkata Gynecological Oncology Trials and Translational Research Group (KolGOTrg), March 2019
3. **Roy Chowdhury R**, Chatterjee T, Chakrabarti B, Mondal NR, Dutta P, Sarkar S. An overview of epidemiology of cervical cancer in a tertiary cancer centre in eastern india over a period of 10 years (2008-2017). First Annual meeting of the Kolkata Gynecological Oncology Trials and Translational Research Group (KolGOTrg), March 2019.
4. Chakrabarti BK, Mondal N R, Chatterjee T, **Roy Chowdhury R**, De S. Epidemiology of neuroendocrine cancer cervix in a tertiary cancer centre in India. First Annual meeting of the Kolkata Gynecological Oncology Trials and Translational Research Group (KolGOTrg), March 2019.
5. Mondal N, Chatterjee T, **Roy Chowdhury R**, Chakrabarti B. Adolescent ovarian epithelial cancer-- 20th Biennial Meeting of the European Society of Gynaecological Oncology (ESGO 2017), November 4 – 7, 2017, Vienna, Austria. - E poster session Sat 4th Nov 2017
6. Chakrabarti BK, Mondal N R, Chatterjee T, **Roychowdhuri R**. (2015) A study of 58 cases of gestational trophoblastic tumour in a tertiary cancer centre in Eastern India. Abstract published in XVIII World Congress Gestational Trophoblastic Diseases, Bali, Indonesia September 15 – 18, 2015
7. *Ray Chaudhuri (Guha) S, *Banerjee P, *Yadav DK, ****Roy Chowdhury R**, **Mondal NR, *Swarnakar S. Search for an alternative bio-marker for prognosis of Epithelial Ovarian Cancer – Poster presentation (SPP 42) at the 1st International Meet on Cell Signaling Network (CeSiN 2012); 11 – 13 September 2012; CSIR – Indian Institute of Chemical Biology; Kolkata
8. **Roy Chowdhury Rahul**, Chatterjee Tanmoy, Mondal Nidhu Ranjan. Epidemiology of Vulval Malignancy. Chakrabarti Biman Kumar, Poster presented in the XX FIGO World Congress of Gynecology and Obstetrics. Rome 7 – 12 October 2012. ABT11 - Gyne-oncology DOI: 10.3252/pso.eu.20figo.2012

Involvement in Ongoing Research Projects

1. Variation in human gene expression among women from four states of India: genomic correlates, gene regulation and impact on HPV16 related cervical cancer pathogenesis. Dr Sharmila Sengupta, National Institute of Biomedical Genomics, Kalyani, Dr N R Mondal , Dr R Roy Chowdhury (Dept of Gynaecology), SGCCRI, Thakurpukur

2. HPV 16 Methylome, methylation and gene expression status of host genes: influence on cervical cancer pathogenesis.- Dr Rahul Roy Chowdhury, SGCCRI and Dr Sharmila Sengupta NIBMG
3. Study on relationship between Gain-of-Function mutant P53 and stemness as an underlying cause of chemoresistance in ovarian cancer – PI Damayanti Das Ghosh
4. Development of an algorithm based on *TP53* mutation and protein biomarkers from blood plasma of high grade serous ovarian carcinoma for diagnosis and treatment monitoring: a liquid biopsy approach - PI Susanta Roy Choudhury