

Dr. Ranajoy Ghosh

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ACADEMIC PROFILE

MBBS from Bankura Sammilani Medical College, Calcutta University
MD (Pathology) from All India Institute of Medical Sciences, New Delhi

Recipient National Talent Scholarship

College medal for highest marks in Biochemistry and Pathology in 1st and 2nd Prof.
MBBS respectively

DESIGNATION

Associate Professor, Division of GI Pathology,
School of Digestive and Liver Diseases, IPGMER,
244, Acharya Jagadish Chandra Bose Road,
Kolkata-700020

WORK EXPERIENCE

Senior Resident in Pathology, All India Institute of Medical Sciences, New
Delhi

Demonstrator (Pathology), IPGME & R, Kolkata

Assistant Professor GI Pathology, IPGME & R, Kolkata

SPECIAL INTEREST

Liver and Gastrointestinal Pathology

Molecular pathology

RESEARCH EXPERIENCE:

1. Thesis submitted to the department of Pathology entitled “**A Study of Distribution of C-C Chemokine Receptor 5 (CCR5) positive T cells in renal biopsy of acute and chronic renal transplant rejection**” a observational study during post graduation.

2. **Role of IDH1 in gliomas** – Co Primary investigator Funded by West Bengal DST, Status Complete

3. **Expression of DNA mismatch repair proteins in primary and metastatic carcinoma gall bladder** Primary investigator MRU IPGMER, Status Completed

PUBLICATIONS

1: Dhali A, Das K, Dhali GK, **Ghosh R**, Sarkar A, Misra D. Abdominal tuberculosis: Clinical profile and outcome. *Int J Mycobacteriol.* 2021 Oct-Dec;10(4):414-420. doi: 10.4103/ijmy.ijmy_195_21. PMID: 34916461.

2: Ray S, **Ghosh R**, Khamrui S, Kumar Das A, Saha S, Kumar D. Haemocholecyst related to gallbladder malignancy. *Trop Doct.* 2020 Jul;50(3):243-245. doi: 10.1177/0049475520917264. Epub 2020 Apr 14. PMID: 32290760.

3: Ray S, Das K, **Ghosh R**. Isolated pancreatic and peripancreatic nodal tuberculosis: A single-centre experience. *Trop Doct.* 2021 Apr;51(2):203-209. doi: 10.1177/0049475520962941. Epub 2020 Oct 26. PMID: 33104450.

4: Dhali A, Ray S, Mandal TS, Das S, **Ghosh R**, Khamrui S, Dhali GK, Sarkar A. Surgical Outcome of Brunner's Gland Hamartoma: A Single-Centre Experience. *Surg J (N Y).* 2022 Jan 17;8(1):e14-e18. doi: 10.1055/s-0041-1741510. PMID: 35059497; PMCID: PMC8763466.

5: Ray S, Ghatak S, Misra D, Dasgupta J, Biswas J, Khamrui S, Bandyopadhyay D, **Ghosh R**. Groove Pancreatitis: Report of Three Cases with Brief Review of Literature. *Indian J Surg.* 2017 Aug;79(4):344-348. doi: 10.1007/s12262-017-1643-x. Epub 2017 May 31. PMID: 28827910; PMCID: PMC5549052.

6: Malgulwar PB, Kakkar A, Sharma MC, **Ghosh R**, Pathak P, Sarkar C, Suri V, Singh M, Kale SS, Faruq M. Loss of *SMARCB1*/*INI1* Immunoeexpression in Chordoid Meningiomas. *Neurol India.* 2019 Nov-Dec;67(6):1492-1497. doi: 10.4103/0028-3886.273647. PMID: 31857543.

7: Kumar R, Kothiwala A, **Ghosh R**. Sixth nerve schwannoma. *Neurol India.* 2014 Jan-Feb;62(1):99-100. doi: 10.4103/0028-3886.128355. PMID: 24608481.

8: Sarkar C, Das P, **Ghosh R**. Molecular profiling of tumours by immunohistochemistry. *Natl Med J India.* 2007 Nov-Dec;20(6):277-81. PMID: 18335792.

9: Dhali A, Ray S, **Ghosh R**, Sinha MGM, Khamrui S, Dhali GK. Mixed neuroendocrine-non-neuroendocrine tumour of pancreas mimicking groove pancreatitis: Case report. *Int J Surg Case Rep.* 2021 Nov;88:106524. doi: 10.1016/j.ijscr.2021.106524. Epub 2021 Oct 18. PMID: 34688070; PMCID: PMC8536533.

- 10: Dhali A, Ray S, Dhali GK, **Ghosh R**, Sarkar A. Refractory hypoglycaemia in a localised gastrointestinal stromal tumour: Case report. *Int J Surg Case Rep*. 2021 Jun;83:106023. doi: 10.1016/j.ijscr.2021.106023. Epub 2021 May 26. PMID: 34090190; PMCID: PMC8188391.
- 11: Basak D, Jamal Z, Ghosh A, Mondal PK, Dey Talukdar P, Ghosh S, Ghosh Roy B, **Ghosh R**, Halder A, Chowdhury A, Dhali GK, Chattopadhyay BK, Saha ML, Basu A, Roy S, Mukherjee C, Biswas NK, Chatterji U, Datta S. Reciprocal interplay between asporin and decorin: Implications in gastric cancer prognosis. *PLoS One*. 2021 Aug 11;16(8):e0255915. doi: 10.1371/journal.pone.0255915. PMID: 34379688; PMCID: PMC8357146.
- 12: Dhali A, Ray S, Dhali GK, **Ghosh R**, Sarkar A. Duodenal Ganglioneuroma: A Rare Tumor Causing Upper Gastrointestinal Bleed. *Surg J (N Y)*. 2021 Sep 14;7(3):e255-e258. doi: 10.1055/s-0041-1735644. PMID: 34541318; PMCID: PMC8440055.
- 13: Chakraborty D, **Ghosh R**, Halder A, Mondal D, Misra D. Endoscopic ultrasonographic diagnosis of pancreatic tuberculosis in immunocompetent patients-A case series from eastern India. *Indian J Gastroenterol*. 2021 Dec;40(6):636-640. doi: 10.1007/s12664-021-01171-x. Epub 2021 Sep 16. PMID: 34528180.
- 14: Dhali A, Dhali GK, **Ghosh R**, Sarkar A. Primary tubercular granulomatous hepatitis presenting as fluctuating jaundice. *Int J Mycobacteriol*. 2021 Jul-Sep;10(3):320-323. doi: 10.4103/ijmy.ijmy_92_21. PMID: 34494573.
- 15: Dhali A, Ray S, **Ghosh R**, Sarkar A, Dhali GK. Massive Upper Gastrointestinal Hemorrhage in Brunner's Gland Hamartoma of Duodenum. *Cureus*. 2021 Jun 23;13(6):e15875. doi: 10.7759/cureus.15875. PMID: 34336406; PMCID: PMC8312786.
- 16: Roy S, Ghosh S, Banerjee M, Laha S, Bhattacharjee D, Sarkar R, Ray S, Banerjee A, **Ghosh R**, Halder A, Ghosh A, Chatterjee R, Datta S, Dhali GK, Banerjee S. A combination of circulating microRNA-375-3p and chemokines CCL11, CXCL12, and G-CSF differentiate Crohn's disease and intestinal tuberculosis. *Sci Rep*. 2021 Dec 2;11(1):23303. doi: 10.1038/s41598-021-02383-z. PMID: 34857759; PMCID: PMC8639680.
- 17: Pal S, Dey D, Chakraborty BC, Nandi M, Khatun M, Banerjee S, Santra A, **Ghosh R**, Ahammed SM, Chowdhury A, Datta S. Diverse facets of MDSC in different phases of chronic HBV infection: impact on HBV specific T cell response and homing. *Hepatology*. 2022 Jan 9. doi: 10.1002/hep.32331. Epub ahead of print. PMID: 35000202.
- 18: Chaudhuri PM, Mandal B, Halder A, **Ghosh R**, Chatterjee U, Mukherjee S. Neonatal hemochromatosis: A rare cause of liver failure in infancy. *Indian J Pathol Microbiol*. 2020 Jan-Mar;63(1):138-139. doi: 10.4103/IJPM.IJPM_526_18. PMID: 32031146.

- 19: Maity P, Halder A, **Ghosh R**, Chatterjee U, Barman S, Sarkar R. Immunohistochemistry as a Surrogate Marker of Underlying Molecular Derangements in Sporadic Colorectal Carcinoma in Children - A Series of Three Cases. *Fetal Pediatr Pathol.* 2022 Feb;41(1):98-106. doi: 10.1080/15513815.2020.1765918. Epub 2020 May 22. PMID: 32441577.
- 20: Islam N, Halder A, **Ghosh R**, Banerjee S, Mishra PK, Chatterjee U. Focal nodular hyperplasia of the liver in children: A report of 2 cases. *Indian J Pathol Microbiol.* 2019 Apr-Jun;62(2):261-265. doi: 10.4103/IJPM.IJPM_396_18. PMID: 30971551.
- 21: Ray S, Sanyal S, Das K, **Ghosh R**, Das S, Khamrui S, Sarkar A, Chattopadhyay G. Outcome of surgery for recurrent pyogenic cholangitis: a single center experience. *HPB (Oxford).* 2016 Oct;18(10):821-826. doi: 10.1016/j.hpb.2016.06.001. Epub 2016 Jun 28. PMID: 27506993; PMCID: PMC5061016.
- 22: DasGupta S, **Ghosh R**, Das RN, Chatterjee U. Sacrococcygeal teratoma with ectopic immature renal tissue. *Indian J Pathol Microbiol.* 2015 Jan-Mar;58(1):124-5. doi: 10.4103/0377-4929.151214. PMID: 25673616.
- 23: Bera G, Das RN, Roy P, **Ghosh R**, Islam N, Mishra PK, Chatterjee U. Utility of PAS and β -catenin staining in histological categorisation and prediction of prognosis of hepatoblastomas. *Pediatr Surg Int.* 2017 Sep;33(9):961-970. doi: 10.1007/s00383-017-4115-2. Epub 2017 Jun 19. PMID: 28631020.
- 24: Gupta SD, Das RN, **Ghosh R**, Sen A, Chatterjee U, Saha K, Datta C, Mishra PK, Bandyopadhyay R. Expression of COX-2 and p53 in juvenile polyposis coli and its correlation with adenomatous changes. *J Cancer Res Ther.* 2016 Jan-Mar;12(1):359-63. doi: 10.4103/0973-1482.154088. PMID: 27072264.
- 25: **Ghosh R**, Dutta D, Dasgupta S, Chatterjee U, Chatterjee S, Chaudhuri MK. Recurrent skull base rhabdoid meningioma in an adolescent patient. *Neurol India.* 2016 Nov-Dec;64(6):1365-1369. doi: 10.4103/0028-3886.193817. PMID: 27841231.
- 26: Ghosh P, Das RN, **Ghosh R**, Chatterjee U, Datta C, Mishra PK. Lipoblastoma and lipoblastomatosis: A clinicopathological study of six cases. *J Cancer Res Ther.* 2015 Oct-Dec;11(4):1040. doi: 10.4103/0973-1482.176135. PMID: 26881660.
- 27: Sarkar S, DasGupta S, Barua M, **Ghosh R**, Mondal K, Chatterjee U, Datta C. Potter's sequence: a story of the rare, rarer and the rarest. *Indian J Pathol Microbiol.* 2015 Jan-Mar;58(1):102-4. doi: 10.4103/0377-4929.151202. PMID: 25673607.
- 28: Singh G, Singh L, **Ghosh R**, Nath D, Dinda AK. Immunofluorescence on paraffin embedded renal biopsies: Experience of a tertiary care center with review of literature. *World J Nephrol.* 2016 Sep 6;5(5):461-70. doi: 10.5527/wjn.v5.i5.461. PMID: 27648410; PMCID: PMC5011253.
- 29: Parvin S, **Ghosh R**, Das RN, Saha K, Roy P, Datta C, Chatterjee U. Primary Renal Rhabdomyosarcoma: An Unusual Bone Metastasizing Tumor of Kidney. *Fetal*

Pediatr Pathol. 2016;35(4):251-9. doi: 10.1080/15513815.2016.1175528. Epub 2016 May 16. PMID: 27182845.

30: Chatterjee G, Dasgupta S, Bhattacharya K, Banerjee M, **Ghosh R**, Chatterjee U, Banerjee S. Myxoid adrenal cortical adenoma in an infant: An unusual morphology. J Cancer Res Ther. 2015 Oct-Dec;11(4):1040. doi: 10.4103/0973-1482.150358. PMID: 26881659.

31: **Ghosh R**, Mallik SR, Mathur SR, Iyer VK. CD 99 immunocytochemistry in solid pseudopapillary tumor of pancreas: A study on fine-needle aspiration cytology smears. J Cytol. 2013 Jul;30(3):151-5. doi: 10.4103/0970-9371.117645. PMID: 24130404; PMCID: PMC3793349.

32: Mallick S, **Ghosh R**, Iyer VK, Jain D, Mathur SR. Cytomorphological and morphometric analysis of 22 cases of Rosai-Dorfman disease: a large series from a tertiary care centre. Acta Cytol. 2013;57(6):625-32. doi: 10.1159/000354947. Epub 2013 Oct 26. PMID: 24192148.

33: Sahai P, Singh K, Sharma A, **Ghosh R**, Nembang P, Sarkar C, Mohanti BK. Recurrent sebaceous carcinoma of the scalp in a young male treated with adjuvant radiotherapy. J Cancer Res Ther. 2013 Oct-Dec;9(4):730-2. doi: 10.4103/0973-1482.126472. PMID: 24518729.

34: Bhattacharyya R, **Ghosh R**, Saha K, Chatterjee U. INI Expressing Epithelioid Sarcoma with Osteoclastic Giant Cells in a Child: A Case Report with Summary of Prior Published Cases. Fetal Pediatr Pathol. 2017 Aug;36(4):325-331. doi: 10.1080/15513815.2017.1323984. Epub 2017 May 25. PMID: 28541826.

35. **Ghosh R**, Sharma A, Mitra DK, Agarwal SK, Dinda AK, Saxena A. Study of CC chemokine receptor 5 in renal allograft rejection. Indian J Nephrol. 2013 May;23(3):196-200.

36. Kishalaya, Sarkar R, Bandyopadhyay A, **Ghosh R**, Mondal D, Mitra S. An unusual type of duodenal polyp. Gastrointest Endosc. 2024 Aug 5;S0016-5107(24)03363-7.

37. **Ghosh R**, Halder A, Nim RK, Ray S, Chatterjee U. Primary hepatic leiomyosarcoma masquerading as focal nodular hyperplasia of liver: A wolf in sheep's clothing. Indian J Pathol Microbiol. 2023 Jul

38. Dhali A, Ray S, **Ghosh R**, Misra D, Dhali GK. Outcome of Whipple's procedure for Groove pancreatitis: A retrospective cross-sectional study. Ann Med Surg (Lond). 2022 Jun

39. Ray S, Dhali A, Saha H, **Ghosh R**, Khamrui S, Dhali GK. Intraductal papillary neoplasm of the bile duct: A case report of a rare tumor with a brief review of literature. Int J Surg Case Rep. 2024 Feb;115

40. Dey D, Biswas S, Pal S, Nandi S, Khatun N, Jha R, Chakraborty BC, Baidya A, **Ghosh R**, Banerjee S, Ahammed SM, Chowdhury A, Datta S. Monocyte-derived Galectin-9 and PD-L1 differentially impair adaptive and innate immune response in chronic HBV infection and their expression remain unaltered after antiviral therapy. Front Immunol. 2024 Oct 9;15:1474853.

41. Basak D, Jamal Z, Ghosh A, Mondal PK, Dey Talukdar P, Ghosh S, Ghosh Roy B, **Ghosh R**, Halder A, Chowdhury A, Dhali GK, Chattopadhyay BK, Saha ML, Basu A, Roy S, Mukherjee C, Biswas NK, Chatterji U, Datta S. Reciprocal interplay between aspirin and decorin: Implications in gastric cancer prognosis. PLoS One. 2021 Aug 11;16(8):e0255915.