

DR. ANKIT MALHOTRA

Consultant - Hematopathology Neuropathology and Molecular Biology

Qualification

MBBS | MD | PDF

Overview

Dr. Ankit Malhotra completed his MD in pathology in 2016 which was followed by a 3-year specialized hemato-oncology residency training in IRCH, AIIMS, New Delhi (2016-19). In this setup, his training involved morphological assessment of bone marrow specimens, advanced flow cytometry, fine needle aspiration cytology, and molecular diagnostics. Later, he also pursued a fellowship (2019-20) in Neuropathology from the prestigious National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore where he acquired diagnostic skills in CNS/PNS tumors, immunohistochemistry, muscle biopsy, nerve biopsy, and learning how to set up a specialized neuropathology laboratory. His research interest includes the diagnostics of both hematological and neurological cancers and has peer-reviewed publications in national and international journals. Currently, he is working as a consultant in Manipal hospital, Jaipur, and helping set up an advanced Hematopathology, Neuropathology, immunology & molecular diagnostics laboratory. Dr. Malhotra is proficient in handling specialized hematopathology services including morphology, diagnostic flow cytometry, and minimal residual disease analysis in leukemia, lymphoma, and myelomas. In a similar vein, he also provides expertise in handling neuropathological specimens for all pathologies of the brain, spine, muscle, and nerve. He loves to teach and is active in various professional forums in his field. His department also plans to introduce training workshops and seminars for students in his fields. He plans to acquire newer skills, especially in the fields of molecular pathology including next-generation sequencing and cellular therapies.

Fellowship & Membership

- Post-doctoral fellowship in Neuropathology, NIMHANS, Bangalore, 2020.

Field of Expertise

- Bone marrow aspiration and biopsy reporting
- Flow cytometric diagnosis of hematological malignancies
- Minimal residual disease analysis in leukemias, lymphomas, and myeloma
- Diagnosis of hemoglobinopathies and HPLC analysis
- Diagnosis of immunodeficiency disorders and immune function monitoring
- Quality control of hematology and flow cytometry laboratories
- Molecular diagnosis in hemato-lymphoid malignancies
- Bleeding and coagulation disorders
- Pathology of malignant and non-malignant brain & spinal cord disorders
- Intra-operative squash cytology for lesions of CNS/PNS
- Immunohistochemistry in neuro-oncology
- Nerve biopsy assessment

- Muscle biopsy assessment
- Surgical epilepsy pathology
- Forensic pathology
- Electron microscopic assessment

Languages Spoken

- English
- Hindi
- Punjabi
- Kannada

Talks & Publications

- Malhotra A, Rao S, Santhoshkumar R, Muralidharan N, Mitra S, Shetty S. Pigmented Ependymoma of the Fourth Ventricle—A Curious Entity: Report of a Rare Case With Review of Literature. International Journal of Surgical Pathology. 2020 May 25.
- Das N, Gupta R, Gupta SK, Bakhshi S, Malhotra A, Rai S, Singh S, Prajapati VK, Sahoo RK, Gogia A, Sharma A. A real world-perspective of CD123 expression in acute leukemia as a promising biomarker to predict treatment outcome in B-ALL and AML. Clinical Lymphoma Myeloma and Leukemia. 2020 May 11.
- Das N, Thakral D, Singh G, Malhotra A, Phulware RH, Gogia A, Gupta R. FLI1 and MIC2 expression in precursor B-lymphoblastic leukemia with Burkitt-like morphology and extensive extramedullary involvement: A diagnostic challenge in pediatric small round cell tumor. Indian Journal of Pathology and Microbiology. 2019 Oct 1;62(4):614.
- Das N, Malhotra A, Gupta R, Rai S, Singh S, Sahoo RK, Gogia A, Bakshi S, Kumar L. Role of CD123 as Determinant of Minimal Residual Disease in Acute Myeloid Leukemia. Clinical Lymphoma, Myeloma, and Leukemia. 2019 Sep 1;19:S235.
- Das N, Malhotra A, Gupta R, Rai S, Gupta SK, Sahoo RK, Gogia A, Bakshi S, Kumar L, Singh S. CD123 is an Important Predictor of Post Induction Response and Early Treatment Outcome in Acute Lymphoblastic Leukemia. Clinical Lymphoma, Myeloma, and Leukemia. 2019 Sep 1;19:S197.
- Malhotra A. Glioblastoma mimicking an abscess: a radio-pathological case report. Int. J. Med. Lab. Res. 2020; 5,2:69-72.
- Malhotra A, Suguna BV, Ravindra S. Unique spheroid deposits of amyloid in an ampullary neuroendocrine tumor. Indian Journal of Pathology and Microbiology. 2020 Aug.