



DR. SUBHALAKSHMI SENGUPTA

HOD & Senior Consultant - Laboratory Medicine (Onco-Pathology)

Qualification

MBBS | MD (Pathology) | FRCPath (Histopathology)

Overview

Dr. Subhalakshmi Sengupta is a HOD & Consultant - Laboratory Medicine currently serving in the Department of Pathology at Manipal Hospitals, EM Bypass. She has over 18 years of experience, of which ten years were dedicated to working in clinical and diagnostic pathology. Dr. Sengupta began her academic journey with a Bachelor of Medicine and Bachelor of Surgery (MBBS) with honours from Nil Ratan Sircar (NRS) Medical College, Kolkata. She then completed her postgraduate MD in Pathology from the renowned Seth Sukhlal Karnani Memorial Hospital (SSKM) and Institute of Postgraduate Medical Education and Research, gaining extensive exposure in Histopathology, Cytology, Haematology, and Clinical Pathology. She also successfully cleared FRCPath Part 1 in Histopathology at the Royal College of Pathologists, London, UK. Throughout her career, Dr. Sengupta has handled a large volume of routine and complex surgical pathology reporting. Her areas of strength include immunohistochemistry interpretation, grossing and cut-up of surgical specimens, gynaec and non-gynaec cytology (Pap smears, liquid-based cytology, cell blocks), solid organ fine needle aspiration cytology

(FNAC) reporting, on-site adequacy assessments, and frozen sections. She is experienced in bone marrow aspiration and trephine biopsy. She is skilled in interpreting peripheral smears and evaluating haematological malignancies. Her expertise includes comprehensive lab interpretation in multidisciplinary settings. She also specialises in diagnosing and reporting malignant tumours. She has vast experience reporting complex oncopathology and non-neoplastic cases, immunohistochemistry panels, and providing second opinions. Beyond diagnostics, she has played an instrumental role in establishing histopathology units, standardising protocols, training staff, conducting quality audits, and ensuring compliance with national accreditation standards. Currently enrolled in the ITSS programme, Dr. Sengupta is aiming to meet UK training benchmarks and pursue further opportunities in the United Kingdom to broaden her diagnostic expertise, participate in audits and research, and collaborate with global experts. A keen academic, she has contributed to undergraduate and postgraduate training, delivered lectures, conducted workshops, and presented unique cases at national and international conferences. Her research work has been published in reputed journals, covering rare and challenging diagnoses. With her strong diagnostic acumen, dedication to quality and patient safety, and commitment to continual learning, Dr. Subhalakshmi Sengupta combines precision, integrity, and a progressive approach to serve patients and advance the field of pathology.

Fellowship & Membership

- Fellowship in FRCPath Part 1 in Histopathology at the Royal College of Pathologists, London, UK

Field of Expertise

- Expertise in Histopathology, Cytopathology, Clinical Pathology, Oncopathology, and Haematology
- Routine and complex surgical pathology reporting
- Immunohistochemistry interpretation
- Grossing/cut-up of surgical specimens
- Gynae and Non-Gynae cytology (Pap smears, LBC, cell blocks)
- Solid organ FNAC reporting
- On-site adequacy assessment and frozen sections
- Bone marrow aspiration and trephine biopsy
- Peripheral smear interpretation
- Haematological malignancy evaluation
- Comprehensive lab interpretation in multidisciplinary settings
- Diagnosis and reporting of malignant tumours

Languages Spoken

- English
- Hindi
- Bengali

Awards & Achievements

- Completed the International Academy of Pathology-Indian Division (IAP-ID) Update on Inflammatory Bowel Disease.
- Participated in the slide viewing workshop 'Pitfalls and Pearls in Urologic and Gynaecologic Pathology.'
- Attended the Conference of the Indian Skeletal Oncology Society.
- Participated in the International Symposium on Immunohistochemistry.
- Attended the Conference of the Calcutta Association of Practising Pathologists in 2016.

- Completed the International CME on Soft Tissue Tumours.
- Participated in the International Conference on Thoracic Pathology.
- Completed CME training on Biopsy Interpretation in Surgical Pathology.
- Participated in the RN Ghosh Memorial CME.
- Attended the 6th Asia Pacific Congress of the International Academy of Pathology.
- Participated in the Annual Conference of the Indian Association of Pathologists and Microbiologists.
- Completed CME on Challenges in Diagnostic Pathology.
- Participated in the 18th Annual State Conference of the Indian Association of Pathologists and Microbiologists (IAPM).
- Attended the 57th Annual Conference of the Indian Association of Pathologists and Microbiologists (IAPM).
- Completed the Care School on Genomics and Proteomics for Clinicians.
- Participated in the Annual State Conference of the Indian Association of Pathologists and Microbiologists (IAPM).

Talks & Publications

- Adenoid cystic carcinoma on the dorsum of the tongue. Journal of Oral and Maxillofacial Pathology. 2013;17(1):98-100.
- A study of the histopathological spectrum and expression of Ki-67 and TP53 in primary brain tumours of the paediatric age group. Indian Journal of Medical and Paediatric Oncology. 2012;33(1):25-31.
- Primary pulmonary neoplasms in children: A report of five cases. Indian Journal of Medical and Paediatric Oncology. 2011;32(4):223-6.
- Chordoma in the nasopharynx in a 70-year-old female: A rare

- occurrence. International Journal of Otolaryngology and Head & Neck Surgery. 2014;3(3):342-6.
- Ovarian haemangioma: A rare case report. International Journal of Surgery Case Reports. 2013;4(11):981-4.
 - Leydig cell tumour: A report of two cases with unusual presentation. Indian Journal of Pathology and Microbiology. 2010;53(4):796-8.
 - PNET of the salivary gland — case presentation at the Conference of the Indian Musculoskeletal Oncology Society, Narayana Superspeciality Hospital, Howrah, India.
 - Clear cell sarcoma of the thigh — case presentation at the Conference of the Calcutta Association of Practising Pathologists, 2016 International CME on Soft Tissue Tumours, Hyatt Regency, Kolkata, India.
 - A study of the histopathological spectrum and expression of Ki-67 and TP53 in primary brain tumours of the paediatric age group — presented at the Annual Conference of the Indian Association of Pathologists and Microbiologists, Science City Auditorium, Kolkata, India.
 - Primary pulmonary neoplasms in children: A report of five cases — presented at the 57th Annual Conference of IAPM, SRM Medical College, Chennai.
 - Participated in audits conducted by the National Accreditation Board for Testing and Calibration Laboratories (ISO 15189) in 2014, 2016, and 2018 and is well-versed with internal quality protocols.