

Pathology

Faculty

| | | |
|------------------------------|-------------------|---------------------|
| Prof. Manoj Kumar Choudhury | MBBS, MD | Professor & Head |
| Prof. Chhanda Datta | MBBS, MD | Professor |
| Prof. Mamata Guha Mallick | MBBS, MD | Professor |
| Prof. Madhumita Mukhopadhyay | MBBS, MD | Professor |
| Prof. Asim Kumar Manna | MBBS, Dip BMS, MD | Professor |
| Prof. Uttara Chatterjee | MBBS, MD | Professor |
| Dr. Suchandra Roy | MBBS, MD | Associate Professor |
| Dr. Debasish Chakraborty | MBBS, MD | Associate Professor |
| Dr. Rama Saha | MBBS, DGO, MD | Associate Professor |
| Dr. Keya Basu | MBBS, MD | Associate Professor |
| Dr. Mou Das | MBBS, MD | Assistant Professor |
| Dr. Ram Narayan Das | MBBS, MD | Assistant Professor |
| Dr. Manisha Sarkar | MBBS, MD | Assistant Professor |
| Dr. Moumita Sengupta | MBBS, MD | Assistant Professor |
| Dr. Bibhas Saha Dalal | MBBS, MD | Assistant Professor |
| Dr. Biswajit Kundu | MBBS, DO | Demonstrator |
| Dr. Kajari Mondal | MBBS, MD | Demonstrator |
| Dr. Madhumita Mondal | MBBS, MD | Demonstrator |
| Dr. Sumanta Bhattacharya | MBBS, MD | Demonstrator |
| Dr. Piyali Kundu | MBBS, MD | Demonstrator |
| Dr. Ayesha Afreen Islam | MBBS, MD | Demonstrator |

Postgraduate trainees (MD students)

| Session 2013-16 | Session 2014-17 | Session 2015-18 |
|--|--|--|
| <ul style="list-style-type: none"> • Dr. Kamalika Bandyopadhyay • Dr. Utsha Senapati • Dr. Piyabi Sarkar • Dr. Saikat Bera • Dr. Mona Tirkey • Dr. Koushik Sarkar • Dr. Namrata Maity • Dr. Soutrik Das • Dr. Boby Mazumder • Dr. Riju Bhattacharyya • Dr. Ruby Sarkar • Dr. Deval Parekh • Dr. Asit Chakraborty • Dr. Gargi Mukherjee | <ul style="list-style-type: none"> • Dr. Dipan Das • Dr. Zeenat Ara • Dr. Madhumita Paul • Dr. Adahra Patricia Beso • Dr. Piyali Podder • Dr. Goutam Bera • Dr. Mousumi Kar • Dr. Madhu Kumari • Dr. Soma Sabui • Dr. Moumita Chatterjee | <ul style="list-style-type: none"> • Dr. Priyanka Maity • Dr. Tamanna Parvin • Dr. Diya Das • Dr. Ananya Biswas • Dr. Nelofar Islam • Dr. Soumendra Mishra • Dr. Soumya Kanti Pramanik • Dr. Tushar Kanti Das • Dr. Pratap Mondal • Dr. Sucharita Sarkar |

FACULTY NEWS

- Prof. Manoj Kr. Choudhury has acted as an external-expert in selection of the faculties in PGI, Chandigarh & also as a MD examiner in the same institute.
- Prof. Madhumita Mukhopadhyay has acted as an external examiner in MD in Guwahati Medical College.

- Dr. Uttara Chatterjee delivered lecture on Neuropathology at the Golden Jubilee of Neurosciences at AIIMS, New Delhi in November, 2015 & at Kochi at the Annual Conference of ISNOCON in March, 2015.
- Prof. Chhanda Datta delivered guest-lecture on cancer-awareness in DBT organised programme organised by Calcutta University on 9th December at Lady Braborne College.
- Prof. Asim Kumar Manna acted as internal examiner of DMLT final examination under State Medical Faculty.
- Dr. Debasish Chakraborty acted as an external examiner in MBBS in Silchar.

REGULAR ACADEMIC ACTIVITIES

Apart from classes of MBBS & MD pathology courses, pathology lecture classes of BPT, BSc (Nursing) and DMLT courses are taken by the teachers.

Journal clubs and seminars are held in every alternative Fridays with all faculty members and postgraduate students. Different teachers of our department act as co-guide in thesis of other disciplines. Many teachers act as adjudicators of MD pathology thesis.

In addition our department hosted CME in Cytology on 10th & 11th April, 2015 where Dr. Tanuja Seth from TMH, Mumbai and Prof. Pranab Dey from PGI, Chandigarh delivered lectures & took workshop.

R. N. Ghosh Memorial CME on Gynaecology Pathology was held on 19th September, 2015.

Workshop on Core-Needle Biopsy was held on 16th September, 2015.

Prof. Debdatta Basu from JIPMER, Puducherry, delivered lecture on Pediatric Hematology.

STUDENT AND RESEARCH SCHOLAR INFORMATION

Thirteen students have successfully completed MD Pathology course in 2015.

Total of 30 publications have been accepted and published in different national and international journals by faculties and students during the period from Jan-Dec, 2015.

RESEARCH PROGRAMS

First instalment of WBDSTFIST has been granted to the Dept of Pathology this year.

“Role of calretinin in Hirschsprung disease in infants” from WBDST under Prof. Madhumita Mukhopadhyay.

“Role of IDH1 in glial tumors” from WBDBT under Prof. Chhanda Datta and Prof. Uttara Chatterjee.

Thesis projects ongoing

| Student | Guide | Topic |
|----------------------------|----------------------------|--|
| Dr. Kamalika Bandyopadhyay | Prof. P. K. Mitra | Incidence of parathyroid adenoma and carcinoma among patients of symptomatic primary hyper parathyroidism |
| Dr. Utsha Senapati | Prof Manoj Kumar Chowdhuri | Clinicopathological study of Functional dyspepsia and its relation with Helicobacter Pylori, the role of interleukins in its pathogenesis and the pathological changes in stomach and duodenum in these patients |

| | | |
|--------------------------|----------------------|---|
| Dr. Piyabi Sarkar | Prof M. K. Chowdhuri | Aldehyde Dehydrogenase 1 (LDH1) as a bio marker in breast carcinoma |
| Dr. Saikat Bera | Prof C. Datta | Intra operative squash cytology of CNS tumors with special emphasis on immunostains. |
| Dr. Mona Tirkey | Prof C. Datta | Role of p16/Ki 67 dual immunostaining in detection of cervical cancer precursors. |
| Dr. Kaushik Sarkar | Prof M. Mukhopadhyay | Spectrum of breast carcinoma in relation to ER,PR, HER2neu stains with special emphasis on triple negative subtypes. |
| Dr. Namrata Maity | Prof M. Mukhopadhyay | Spectrum of pediatric renal tumors with special reference to WT!1 immunostaining in Wilms tumors. |
| Dr. Soutrik Das | Prof U. Chatterjee | Utility of IDH1 expression in human gliomas. |
| Dr. Boby Mazumder | Prof U. Chatterjee | Significance of interstitial cells of <i>Cajal</i> in chronic constipation of childhood. |
| Dr. Riju Bhattacharyya | Dr. D. Chakraborty | Correlation between cytology and histology in oral malignant and premalignant lesions and comparison of efficacy of different stains i.e. PAP,MGG, and Toluidine blue. |
| Dr. Ruby Sarkar | Dr. R. Saha | A study on cytological, histological & biochemical correlation and expression of galactin3 in thyroid disease. |
| Dr. Deval Parekh | Prof A. K. Manna | Morphometric study of epithelial lesions of cervix special reference to proliferative activity. |
| Dr. Asit Chakraborty | Prof A. K. Manna | Morphometry of epithelial lesions of endometrium with special reference to proliferative activity (Ki67 & PCNA). |
| Dr. Gargi Mukherjee | Dr. S. Roy | Frequency of Renal Cell Carcinoma in patients having kidney tumors attending a tertiary care hospital with special reference to Vimentin & CK7. |
| Dr. Dipan Das | Dr. Keya Basu | Local and systemic imbalance of CD4+ t cells in granulomatous colitis. |
| Dr. Zeenat Ara | Dr. D. Chakraborty | Comparative analysis of histomorphology of urinary bladder carcinoma with special reference to p63 and CK 20 expression in a tertiary care hospital. |
| Dr. Madhumita Paul | Dr. S. Roy | Clinicopathological evaluation of sinonasal lesions among patients presenting in a tertiary care hospital with special reference to immunohistochemical marker Ki-67. |
| Dr. Adahra Patricia Beso | Dr. R. Saha | Study of malignant gastric neoplasm and its peritoneal metastases in relation with serum ca125 level. |
| Dr. Piyali Podder | Prof C. Datta | Ki-67 labelling index,her2/neu overexpression and androgen receptor status in prostate carcinoma-a core needle based study in a tertiary care hospital. |
| Dr. Goutam Bera | Prof U. Chatterjee | Clinicopathological study of hepatoblastomas and its correlation with expression of beta-catenin and proliferative indices. |
| Dr. Mousumi Kar | Prof M. K. Chowdhuri | Study on diagnostic role of desmin & comparative analysis of expression of her-2-neu&e-cadherin with respect to myoinvasion in urothelial carcinoma of urinary bladder. |
| Dr. Madhu Kumari | Prof M. Mukhopadhyay | Study on genetic polymorphism of RET proto oncogene in Hirschsprung's disease in children. |
| Dr. Soma Sabui | Prof. A. K. Manna | Clinicopathological study of Hodgkin Lymphoma with special reference to nodular lymphocyte predominant Hodgkin Lymphoma. |
| Dr. Moumita Chatterjee | Prof. P. K. Mitra | A clinicopathological and immunofluorescence study of intraepidermal llimmunobullous diseases in a tertiary referral centre of eastern India. |

SERVICE INFORMATION

From January 2015 to November 2015

| Routine investigations | |
|---|-------|
| Blood | 42254 |
| Urine | 28652 |
| Stool | 765 |
| CSF & other fluids | 1956 |
| Malaria | 3624 |
| Prothrombin Time | 5421 |
| Blood grouping | 2138 |
| Total | 84810 |
| Histopathology | |
| Specimen | 7495 |
| Slides (Routine) | 22564 |
| Slides (Special stains) | 252 |
| Slides (Review) | 169 |
| Immunohistochemistry (academic work) | 298 |
| Total | 30778 |

| Hematology | |
|--|-----------------|
| Blood | 85463 |
| Bone marrow | 463 |
| Special tests | 7541 |
| Total | 93467 |
| Cytopathology | |
| FNAC including CT & USG guided and review | 2569 |
| Fluid & exfoliative cytology | 2973 |
| Review | 165 |
| Total | 5707 |
| Serology, chemical pathology and HLA typing | |
| | 420 |
| Grand Total | 2,15,182 |

Thalassemia screening

| | |
|-------------------------------|------|
| Total screened | 6821 |
| • Normal | 5461 |
| • β thalassemia carrier | 411 |
| • HbE carrier | 295 |
| • HbS carrier | 28 |
| • β thalassemia | 11 |
| • HbS- β thalassemia | 6 |
| • Others | 607 |
