

DEPARTMENT OF BIOCHEMISTRY

Clinical Biochemistry Laboratory at HBCH became operational on the 1st May, 2018. Biochemistry Laboratory has also been set up at MPMMCC, Varanasi and has been functional since February 2019. Both the laboratories are equipped with high-end and high throughput state of art auto-analysers and have been participating in internal and external quality assurance schemes providing a very strong base to support the reporting of patient results.

We have an extensive test menu of nearly 100+ assays. During the period 01.01.2021 to 31.12.2021, the laboratory performed more than 8.5 lakhs Routine Biochemistry tests on an average TAT of 3 hours and for Emergency within 2 Hours. Along with routine Biochemistry, the lab has performed more than 35000 Tumor Marker tests. Currently, the lab processes on an average 600 samples each day, maintaining the best TAT. The Department provides 24/7 laboratory services. We have introduced Therapeutic Drug Monitoring services by HPLC and also Myeloma test services to our existing panel. We are further working towards the establishment of metabolomics lab. The laboratory has actively provided services 24/7 during the COVID pandemic.

The Laboratory is participating actively in 3 research projects. We await to be a NABL accredited laboratory at the earliest possible.

Research & Educational activities:

The lab supports research and educational activities for the development and growth of employees.

1. Refresher training for staffs is being conducted on regular basis for better knowledge and hands on experience on the analyzer.
2. Seminars, in house discussions are conducted on a weekly basis.
3. Various International & National Conference, Workshops, CME attended and Paper presented by staffs of Biochemistry Dept.
4. Journal clubs are conducted to enlighten everyone in the areas of research.
5. Student classes, presentations and half yearly exams conducted.

Achievements:

1. Participation in all EQAS programs for Biochemistry and Tumour Markers with BIORAD.
2. Documentations done as per NABL guidelines.

Staff Members

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| Associate Professor | Dr. Pratibha Gavel |
| Assistant Professor | Dr. Priyanka Asia |
| Senior Resident | Dr. Kuldeep Gupta |

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| Scientific Officer | Mr. Nirupam Mohapatra |
| SAB (HBCH/ MPMMCC) | Mr. Kundan Kumar Mr. Durgesh Ch. Pandey Mr. Suraj Patel Ms. Suhasini Kamble Ms. Preeti Shukla Mr. Sudeep Edgar Mr. Krishna Tripathi Mr. Gourav Gupta Mr. Rahul Singh Mr. Om Prakash Bharadwaj |