

The ‘D-I-Y Immunohistochemistry Workshop, Do it Yourself, Diagnose it Yourself’ was conducted by the Department of Pathology, GIMSR and the department of oncopathology, Cytelabs, Bengaluru in association with Diagnostic Biosystems, at GITAM Institute of Medical Sciences and Research, Visakhapatnam on the 2nd and 3rd of March, 2024. This workshop is unique, where the experience is entirely hands-on. This is the first of its kind in the states of Andhra Pradesh and Telangana.

The workshop was inaugurated by Pro-Vice Chancellor of Medical Sciences, Dr. Gitanjali Batmanabane, Dean, Dr. S P Rao, and APMC observer Dr. Narasimha Rao.

A brief introduction to the workshop and the technical aspects of immunohistochemistry was given by the senior consultant Oncopathologist and Lab director of Cytelabs, Bengaluru, Dr. Aparna Gangoli. She was accompanied by a team of accomplished oncopathologists.

Delegates from all over the country attended the workshop, which included a blend of postgraduates, senior residents, and practicing pathologists. All the participants were divided into 10 groups, and each group was given 2 cases with the relevant clinical history, examination findings, and hematoxylin and eosin-stained sections.

A wide range of around 100 immunohistochemical markers were made available to each of these groups. On the first day of the workshop, they were to make use of this plethora of markers and determine the necessary panels to reach a definitive diagnosis under the guidance of the faculty. The participants themselves performed the procedure of immunohistochemistry with the assistance of skilled lab technicians. The stained immunohistochemistry slides were then interpreted and the final diagnosis was achieved. The team of experts was at the aid of the participants at every step of the workshop.

On the following day, each group presented their respective cases for review by the other groups. This was followed by a comprehensive discussion led by the faculty, where they also shared their background and own experiences encountered while diagnosing the case. The workshop was concluded with a closing ceremony where the entire team was lauded for their hard work and dedication to sharing their insight and teaching the multitude of pathologists through this workshop. Feedback from the participants was collected by a 10 point questionnaire. A brief session of reflection from the participants was also carried out.

We believe that all the delegates have greatly benefited from attending this workshop. These 2 days of academic feast have familiarized the concepts of immunohistochemistry, which has proved to be a powerful tool, especially in the field of cancer biology and research.

List of faculty :

- 1) Dr. Aparna Gangoli – Lab director & senior consultant oncopathologist, Cytelabs, Bengaluru.
- 2) Dr. Komal D. Chippalkatti - consultant oncopathologist, Cytelabs, Bengaluru.
- 3) Dr. Naveen Krishnamoorthy – consultant oncopathologist, ONCORE diagnostics, Bengaluru
- 4) Dr. Adarsh Sanikop – Assistant Professor, Department of Pathology, Jawaharlal Nehru Medical College and consultant oncopathologist, KLES Dr. Prabhakar Kore Hospital & MRC, Belagavi.
- 5) Dr. Vidya R – Consultant Pathologist, Narayana Health, Bengaluru
- 6) Dr. Bharadwaj Vedula – Assistant Professor, GITAM Institute of Medical Sciences & Research, Visakhapatnam.

List of IHC technicians:

- 1) U Sudhakar Reddy
- 2) S Deenadayalan
- 3) P. V Manikumar Babu
- 4) A Sarfaraz Khan
- 5) N. S Sharan
- 6) Samba Siva
- 7) Anand

Number of participants - 57