

## **Report on ACTREC Alumni Association Event in 2023**

The seventeenth ACTREC Alumni Association Event was organized at the D. Y. Patil Institute of Biotechnology and Bioinformatics, Pune on Friday, 10th March 2023. This event was coordinated by Dr. Jyoti Kode, Secretary, AAA, and Dr. Ojaswini Upasani, Event Coordinator, AAA from ACTREC in collaboration with Dr. Neelu Nawani, Director, DYPBBI and Dr. Amit Ranjan Seminar Coordinator, DYPBBI, Pune. D.Y. Patil institute, Pune arranged this lecture under International Seminar Series. The event was initiated with an inauguration by Dr. Neelu Nawani, and the felicitation of guest speakers and team members. The felicitation was followed by an introductory talk by Dr. Ojaswini Upasani. She updated the activities of AAA and ACTREC Education mandate to all.

Dr. Soumya Bose, faculty DYPBBI and ACTREC Alumni introduced the first speaker Dr. Jyoti Kode. Dr. Kode, gave an introduction to Immunology from basics to the current advances in cancer immunotherapy. This talk was followed by Dr. Amit Ranjan, faculty at DYPBBI and ACTREC Alumni introduced Guest speaker Dr. Gauri Mirji as HBNI and ACTREC Alumni as well as a Postdoctoral Researcher at Wistar Institute, Philadelphia. In her presentation, Dr. Gauri gave a brief overview on tumor immunology. She spoke about her current research work on the role of microbiome-derived metabolites in the prediction of tumor response. She also interacted with bachelor and master students and answered their questions.

Following to guest talk, Dr. Sumathi, Associate Professor at the Department of Transfusion Medicine, ACTREC presented the topic of platelet basics and its need along with the collection, and donation of platelets carried out at ACTREC. In the next talk, Dr. Meenakshi Singh emphasized an effective approach to provide platelet transfusion support in platelet refractory patients and avoid its occurrence by HLA matching at the epitope level. This could be achieved by establishing a registry of platelet donors with HLA typing. She appealed to the students to be platelet donors to save the life of patients.

Total of 150 participants – Faculties, teachers, and B.Sc./M.Sc. students of Biotechnology and Bioinformatics from D. Y. Patil, Pune.

The event ended with a Vote of thanks delivered by DY Patil students.

Group Photos of the event are as follows: