

ACTREC Alumni Association

&

IQAC Pillai College of Engineering (Autonomous), New Panvel

are jointly celebrating

INTERNATIONAL DAY OF IMMUNOLOGY 2023

Theme: Immunology & Public Health



Cancer Screening and Support Awareness Abhiyaan-4

Venue: Auditorium, 7th Floor, PCE Campus, Naw Panvel
Saturday, 29th April, 2023



Event Co-ordinators:

Dr. Ojaswini Upasani,
TMC-ACTREC, Kharghar

Dr. Sharvari Govilkar,
Pillai College of
Engineering, New Panvel

Event Supporters:

Indian Immunology Society

Mumbai Immunology Group

King's Pratishthan, Mumbai

10.00 am – 10.10 am

Inauguration

*Dr Sandeep Joshi, Principal, PCE
Dr Jyoti Kode, Secretary, AAA*

10.10 am – 10.45 am

Cancer Awareness for Public Health
Dr. Anbarsan S.

Dept. of Medical Oncology, ACTREC

10.45am – 11.00am

Platelet Support Awareness

Dr. Shashank Ojha

Dept. of Transfusion Medicine, ACTREC

11.00 am – 11.15 am

HLA-Matched Platelet Registry

Dr. Selma D. Silva

Transplant Immunology Lab., ACTREC

11.15 am – 11.30 am

Innate Immunity and Health

Dr. Jyoti Kode

Kode Lab, ACTREC

11.30 am – 12.00

**Drama / Skit on Cancer
ImmunoTherapy**

Dr. Albeena & Team

CAR-T Cell Therapy Unit, ACTREC

12.00 - 12.30 pm

**Slogan Contest and Painting Prize
distribution**

Gift of life

Prevention – Early Detection and Timely treatment of cancer: With increased incidence of cancer in India, Government of India has expanded the National Cancer Control Programme with greater emphasis on cancer prevention and early detection through screening for common cancers. There is also a parallel programme for improving the treatment facilities in all the states and in different regions of each state. We take this opportunity to provide information regarding the risk factors, symptoms and signs of the common cancers in our country and how timely screening could save lives.

Cancer Research at ACTREC: Sixty years ago, Prof. Khanolkar, our founding director, laid the foundation of cancer research in the country. Over these years, work at CRI / ACTREC has established the risk factors and genetic alteration in many cancers. Researchers here have studied how some normal cells become cancerous and start uncontrolled multiplication and then develop secondary spread to other organs. At each step, these cells acquire many changes or mutations in some important genes which in turn control the proliferation or apoptosis of these cells. While majority of cancers occur due to life-style factors such as tobacco or some viral infections (HPV), about 5% of cancers are hereditary, occurring due genetic mutations inherited from parents germ cells (Ova or sperm). Research at ACTREC has identified some gene mutations that are particularly common in specific geographical regions or communities in India and result in very high risk of developing hereditary or familial cancers.

“Establishment of HLA typed platelet donor registry”: Efficient medical treatment, medicine, financial help, loved ones support all these factors plays a very crucial role in cancer treatment. Without platelet transfusion sometimes all patients’ effort to save life can go in vain. Enrolling as a voluntary platelet donor you can be a part of saving someone’s life. An effective approach to provide platelet transfusion support in platelet refractory patients and avoid its occurrence is by HLA matching at epitope level This could be achieved by establishing a registry of platelet donors with HLA typing. We make an appeal to the healthy individuals to be platelet donors to save the life of patients.

This is our small effort to make people aware about this and help you utilize benefits of the link with association to save someone’s life.