

Cancer Meeting
Mechanisms of Neoplasia and Precision Medicine in Oncology
May 04, 2018
Venue : National Centre for Biological Sciences (LH1-Happus)

08:45 – 09:00 a.m **Registration**

09:00 – 10:45 a.m **Introduction - Sudhir Krishna (NCBS, Bangalore)**

Session 1- Cancer Genomics, Molecular Diagnostics
Chair :- Maria Bukelo (St. John's Medical College)

Poonkuzhali Balasubramanian (CMC Vellore)-15min+3

Anti-cancer drug resistance in myeloid leukemias

Nikhil Patkar (Tata Memorial Center, Mumbai) -15min+3

Next Generation Molecular Diagnostics in Haemato-Oncology **Raja**

Mugasimangalam (Genotypic Bangalore) - 14min+2 Applying

Genomics in Oncology - recent trends

Aruna Korlimarla (St John's Research Institute, Bangalore) – 14min+2

Identification of Tumour BRCA1 deficiency to select patients for Platinum/PARP_i therapy

Sudha Rao (Genotypic Bangalore)- 14min+2

The reality of Cancer diagnostics-Indian scenario.

10:45–11:15 a.m **Tea/Coffee Break**

11.15-12.15 p.m **Session 2- Tumour biology**
Chair :- Tessy Thomas Maliekal (RGCB, Trivandrum)

Ramray Bhat (IISC, Bangalore)- 14min+2

Exploring cell-matrix interactions in carcinomatosis

Jayashree R.S (Kidwai Cancer Institute, Bangalore)-14min+2

The immune microenvironment in Cervical cancer

Prashant Kumar (I.O.B, Bangalore)-14min+2

Circulating Tumor Cells: Understanding their biology and clinical significance

Calvin S Rodrigues (NCBS, Bangalore)-10min+2

A Suv39H1-low chromatin state facilitates migratory cell populations in cervical cancers

12.15-12.45 p.m **Panel Discussion - Emerging ideas in health: from automation in oncology to data science**
Chair :- Reety Arora (NCBS)

Vijay Chandru (IISC, Bangalore)-25min+2

Automation in Precision Oncology & Data Science and Epidemiology in Global health.

12:45-02:15 p.m **Lunch**

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02:30-03:45 p.m

Session 3 -Cell biology and signaling

Chair :-Sudhir Krishna & Dimple Notani (NCBS, Bangalore)

Sharmila A Bapat (NCCS, Pune)- 15min+3

Novel Transcripts and Proteins in Tumors

Sweta Srivastava (St John's Hospital, Bangalore)-14min+2

RhoC-ROCK2 regulate radioresistance in cervical cancer

Neha Vyas (St John's Research Institute, Bangalore)-14min+2

Exosomes in development and disease

Leanna Rose Joy (NCBS, Bangalore)-10min+2

TGF beta signaling in Cervical cancer

Dharma Pally (IISC, Bangalore)-10min+2

An inductive role of the tandem repeat Galectin-9 in the early stages of breast cancer invasion

03:45–04:15p.m

Tea/Coffee Break

04:15–05:30p.m

Session 4 - Tumor Heterogeneity and targeted Drug development

Chair :-Sharmila A Bapat (NCCS, Pune) & Pradip Nair (Biocon, Bangalore)

Sasikala P Sachithanandan (NCBS, Bangalore)-12min+2

Notch signaling in Multiple Myeloma

Tessy Thomas Maliekal (RGCB, Trivandrum)-14min+2

Self-renewal ability of cancer cells

Krithika Badrinath (NCBS, Bangalore)-10min+2

Deconstruction of tumour heterogeneity

Sanjukta Mukherjee (NCBS, Bangalore)-12min+2

RNA targeted drug discovery

Sabarinathan Radhakrishnan (IRB Barcelona)- 15min+3 – (Skype)

Deciphering the mutational processes and driver mutations in cancer whole genomes

05:30 p.m

Closing Remarks

Ramray Bhat