The Cancer Genetics Unit at ACTREC & Tata Memorial Hospital is the apex comprehensive cancer genetic referral centre in South Asia. It has registered 7000 families with diverse hereditary cancers & performs molecular genetic analysis for 21 genes with Sanger Sequencing, MSI testing, MLPA & NGS. This is the 4th annual conference and workshop in Cancer Genetics. Cancer Genetic services are now being offered in many hospitals. Several private and academic labs have started offering genetic tests for several clinically relevant genes and are increasingly using Next Gen Sequencing. To gain insight in this fast evolving field and discuss issues that are clinically relevant, we invite you to the 4th ICGCW at ACTREC, Tata Memorial Centre.

**3rd - 7th December 2018 (3 parallel workshops)**

**Workshop I:** Cancer Genetics Counselling (Maximum 24 participants): Principles of counselling, syndrome identification and work up, pre-test & post test counselling, family counselling, VUS counselling, management of mutation carriers with screening, chemoprophylaxis & prophylactic surgery. [For detailed schedule click here](#)

**Workshop II:** Molecular Genetic analysis & functional Genomics (Maximum 24 participants): PCR trouble shooting, Genotyping with CSGE, RFLP, TaqMan and its validation, Sanger sequencing with troubleshooting, MLPA analysis, Bioinformatic analysis, Drafting reports of genetic test; Functional Genomics [For detailed schedule click here](#)

**Workshop III:** Next Generation Sequencing (Maximum 12 participants): Demonstration cum hands on training in Exome/Transcriptome Library preparation, quantification & pooling of libraries for Next Gen Sequencing on HiSeq/MiSeq; Bioinformatic analysis [For detailed schedule click here](#)

**Workshop IV:** One day Breast MRI workshop (8th Dec 2018) [For detailed schedule click here](#)

**8th -10th December 2018 (Cancer Genetics Conference)**

Leading experts from India, USA, UK, Europe, Australia, Singapore, Malaysia & Middle East will discuss various basic, translational and clinical aspects of Cancer Genetics and Genomics covering common & rare syndromes. Techniques, approaches and interpretation of genetic testing and issues in genetic counselling and risk management of mutation carriers will be discussed. Through workshops, posters, scientific and interactive sessions, the participants will gain knowledge and skills useful for initiating and refining laboratory and clinical cancer genetics research and service programs.

### Focus on specific aspects of Hereditary Cancers & Genetics

When to suspect hereditary cancer; Genetic Counselling; Genetic Testing – its reporting and interpretation; Prevention, Surveillance & Management of Carriers

**Genetic basis of inherited cancer; Founder & Recurrent mutations**

**Genetic Testing – techniques, interpretation, reporting, pitfalls, VUS**

**Unique aspects of Clinical management of Hereditary cancers**

**Somatic mutations in cancers and Targeted therapy**

**Genetic Identification & Genotype – Phenotype correlation**

**Genetic Counselling – Ethical, Legal & Psychosocial Issues**

**Phylogenetic Screening & Chemoprevention in Mutation carriers**

**Next Gen Sequencing & New research avenues in cancer genetics**

### Who should attend the Conference?

Trainees & Professionals working / planning to work in Cancer Genetics

- Oncologists (Medical, Surgical & Radiation)
- Clinical / Medical Geneticists
- Radiologists, Pathologists & Translational Scientist
- Preventive & Community Medicine
- Genetic Counsellors & Clinical Psychologists
- PhD/ MD/ MS/ DM/ MCh students
- Industry / Labs engaged in planning to start molecular diagnostics

### Registration Fee (Includes 18% GST)

<table>
<thead>
<tr>
<th>Registration Fee</th>
<th>Up to 3rd Nov 2018</th>
<th>Up to 30th Nov 2018</th>
<th>Spot Registration</th>
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<td>Registration Link</td>
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<td>1 day of Conference or 1 day MRI workshop</td>
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<td>Conference with Workshop III (NGS)</td>
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*25% concession for PhD Students, Project JRF/SRF & Resident doctors on guide’s recommendation.

Payment by Bank Drafts, Debit / Credit Cards or Electronic Transfer. [https://tmc.gov.in/icgcw/](https://tmc.gov.in/icgcw/)

Workshop Registration fee includes Handbook & Lunch. Conference Registration fee includes Lunch & Banquet Dinner.

**For accommodation details click here**

### Abstracts can be submitted for Poster. Selected posters will be called for oral presentation in Best Paper Award Session. For details click here***

“Meetings” on ACTREC website - [www.actrec.gov.in](http://www.actrec.gov.in) Registration Link [https://tmc.gov.in/icgcw/](https://tmc.gov.in/icgcw/) email ICGCW2018@gmail.com Ph +91-22-27405000 ext 5092/5529 +91-7400391687

**Patrons:** Prof. Rajendra Badwe, Prof. Shubhada Chiplunkar & Prof. Sudeep Gupta