International Symposia on Genome Instability: From Bench to Bedside
28th -29th January, 2020

Venue
MSLS Annex Auditorium, Silver Jubilee Complex, Manipal School of Life Sciences, Manipal

Organised by
MAHE – ERASMUS MC JOINT CENTER ON GENOME STABILITY (MECGS)
Manipal School of Life Sciences, Manipal
Academy of Higher Education, Manipal, India
About the Symposia

Genome instability impacts a wide range of cellular events critical for normal function of various physiological processes. Human cells with genome instability are sensitive to several DNA-damaging agents and many such defects cause various clinical phenotypes affecting multiple systems. Therefore, it is important to undertake complementary and interwoven approaches to study the origins of genome instability such as DNA damage response, DNA repair pathway defects and genome stability at both molecular and cellular level. International symposia on genome instability will bring together scientists, clinicians and technologists from India and the Netherlands for collaborative efforts on pursuing research on DNA repair and genome stability with the goal to improve the current treatment strategies for genome stability-related diseases.

About Us

Manipal School of Life Sciences is the hub of research of Manipal Academy of Higher Education since its establishment in the year 2006 with the goal of promoting research and education in the field of human health and life sciences. With highly trained researchers and faculties along with state of the art infrastructure, the School undertakes training, research and developmental activities along with the academic programs such Bachelors, Masters and PhD programs in Medical Biotechnology, Molecular Biology, Human Genetics, Systems Biology and Bioinformatics subjects.

Confirmed Speakers

Dr. Jan Hoeijmakers, Erasmus MC, The Netherlands
Dr. Roland Kannar, Erasmus MC, The Netherlands
Dr. V. Nagaraja, IISC, India
Dr. Partha P Majumder, NIBMG, India
Dr. Wim Vermeulen, Erasmus MC, The Netherlands
Dr. Jurgen Martijn Erasmus MC, The Netherlands
Dr. Ganesh Nagaraju, IISC, India
Dr. Sagar Sengupta, NII, India
Dr. Dik van Gent, Erasmus MC, The Netherlands
Dr. Arnab Ray Chaudhuri, Erasmus MC, The Netherlands
Dr. Nitika Taneja, Erasmus MC, The Netherlands
Dr. Benu Brata Das, IACS, India
Dr. Birija Sankar Patro, BARC, India
Dr. Arjan Theil, Erasmus MC, The Netherlands
Dr. Aprotim Mazumder, TIFR, India
Dr. Ashima Mukhopadhyay, TTCRC, India
Dr. Manas Kumar Santra, NCCS, Pune
Dr. Arshdeep Sidhu, NITTE, India
Dr. Sanjiban Chakrabarty, MSLS, India

Topics to be covered

- Ageing
- Cancer genomics
- Chromatin modification and genome stability
- DNA damage response and cancer
- DNA repair
- Epigenetics
- Genome instability
- Genomics
- Mitochondrial disorder
- Neurological disorders

Registration Fee

Students: ₹ 2500/-
Faculty: ₹ 3000/-
For more details and registration, please visit https://conference.manipal.edu/genome/

Deadline for Abstract Submission: 15 December 2019
Deadline for Registration: 10 January 2020,

Contact: Manipal School of Life Sciences, Planetarium Complex, Manipal-576104, Karnataka, India
www.manipal.edu/sls | Email: sols.conferences@gmail.com | Tel: +91-820-2922702
### 28th January 2020, Tuesday, Day 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.30 AM onwards</td>
<td>Registration</td>
</tr>
<tr>
<td>09.30 - 10.30 AM</td>
<td>Inauguration of MECGS</td>
</tr>
</tbody>
</table>

**Topics to be covered**

- DNA Repair and ageing
- Replication stress and tumorigenesis
- Molecular nanomachinery of DNA break repair

**Poster session**

### 29th January 2020, Wednesday, Day 2

**Topics to be covered**

- The DNA damage response: From molecular mechanism to application in cancer therapy
- Transcription Stress and Genome Stability
- Chromatin remodeling pathways and the stability of DNA replication machinery
- Functional assessment of DNA damage responses in cancer: towards guiding therapy choice in the clinic

**Poster Session**
Programme Committee

Chief Patron
Dr Ramdas M Pai
President & Chancellor
MAHE, Manipal

Patrons
Dr. HS Ballal (Pro-Chancellor)
Dr. H Vinod Bhat (Vice-Chancellor)
Dr Abdul Razzak (Pro-Vice-Chancellor)
Dr. Vorvady Surendra Shetty (Pro-Vice-Chancellor)
Dr. Poornima B Baliga (Pro-Vice-Chancellor)
Dr. PLNG Rao (Pro-Vice-Chancellor)
Dr. Narayana Sabhahit (Registrar)

Organizing Committee
Dr. K. Satyamoorthy (Director, MSLS, MAHE)
Dr. Padmalatha Rai S (Associate Director-Academics, MSLS, MAHE)
Dr. KP Guruprasad (Associate Director-Research, MSLS, MAHE)
Dr. Sanjiban Chakrabarty (Assistant Professor, MSLS, MAHE)
Dr. Arnab Ray Chaudhuri (Group Leader, Department of Molecular Genetics, Erasmus MC, The Netherland)
Dr Shama Prasada K (Associate Professor, MSLS, MAHE)