



XXXXII Annual Conference  
of  
Environmental Mutagen Society of India (EMSI)  
&  
National Conference  
on  
"Environmental Mutagenesis: Integration of  
Basic Biology & Omics to improve Human Health"

January 25-27, 2018

Venue

Multipurpose Hall, Training School Hostel & Guest  
House, Anushaktinagar Mumbai- 400 094.

Topics to be covered

- ❖ Monitoring of environmental mutagens and carcinogens.
- ❖ Epidemiology of environmental stress and risk assessment.
- ❖ DNA damage and repair.
- ❖ Molecular mutagenesis and carcinogenesis.
- ❖ Genomics, epigenomics, transcriptomics, proteomics and metabolomics.
- ❖ Genetic toxicology of industrial, nutritional and environmental pollutants and their remediation.
- ❖ Toxicological aspects of nanomaterials.
- ❖ Genome editing and Omics.
- ❖ Biological and health effects of exposure to natural and man-made radiation.
- ❖ Antimutagenic properties of food and allied products.
- ❖ Risk Assessment of Food Carcinogens
- ❖ Preventing genotoxicity: Nutrition, Life Style changes
- ❖ Special Vulnerabilities of women and children to mutagens.
- ❖ Analysis and Markers of Exposure to mutagens.
- ❖ Systems Toxicological Approaches in assessing Risk to mutagens.

The Environmental Mutagen Society of India (EMSI) was founded in 1975 at Bhabha Atomic Research Centre. The primary focus of EMSI is to promote scientific research and awareness about environmental mutagenesis and carcinogenesis relevant to human health and environmental safety.

The major emphasis of research on environmental mutagens is on understanding the mechanisms of mutagenesis and evaluation of the risk of genotoxic agents in terms of association with diseases and predisposition to cancer.

With the advent of "Omics" technology, which include genome, transcriptome, epigenome, metabolome and proteome, researchers are able to get in depth knowledge of mechanisms that can explain the process of environmental mutagenesis and its aftermath effects. This facilitates identification of potential targets and in turn can result in translational benefits to mankind.

EMSI has been organizing its annual meetings with scientific symposia/conferences regularly which provide a platform for the young as well as established researchers to interact in a fruitful manner and to facilitate collaborative research and training at national and international levels.

The theme of the XXXXII Annual EMSI Conference is "Environmental Mutagenesis: Integration of Basic Biology & Omics to improve Human Health." This theme is expected to bring together scientists from diverse fields to address this important topic of research.

Contact Details:

**Dr. (Smt.) Bhavani Shankar**  
Convener, EMSI 2018

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Bio-Science Group  
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Email: emsimumbai2018@gmail.com.

Website:

<http://www.barc.gov.in/symposium/emsi/index.html>

**Important Deadlines:**  
**Abstract submission/registration begins:**  
**Sep. 15th , 2017**  
**Abstract submission closes :**  
**Nov 15th , 2017**  
**Acceptance of abstract : Dec. 25th , 2017**

**Registration fees**

Category	From 15 Sept 2017 To 15 Nov 2017	Spot Registration
EMSI Life Member	Rs. 3000/-	Rs. 4000/-
Non EMSI Member	Rs. 4000/-	Rs. 5000/-
PG & Research Students	Rs. 3000/-	Rs. 4000/-
Accompanying Person	Rs. 2500/-	Rs. 3500/-
Overseas Students	\$ 100/-	\$ 120/-

The registration fee shall include the entitlement to attend all scientific sessions, breakfast, tea/coffee, lunch and dinner.

All payments should be sent in the form of a Demand Draft drawn in favour of "EMSI 2018" payable at Mumbai.

The registration form duly completed along with the Demand Draft should reach:

**Dr. (Smt.) Bhavani Shankar,**  
**Convener**  
Radiation Biology & Health Sciences Division  
Modular Laboratories  
Bhabha Atomic Research Centre  
Trombay, Mumbai 400085.

42<sup>nd</sup> ANNUAL CONFERENCE OF  
ENVIRONMENTAL MUTAGEN SOCIETY OF INDIA (EMSI)

REGISTRATION FORM

Name (Capital letters) .....  
(First) (Middle) (Surname)

Gender: Male Female EMSI Membership No.

Designation..... Qualification.....

Institute / Organization .....

Postal address.....  
.....  
.....  
.....

City ..... PIN .....

STD code..... Tel (O) .....

Mobile.....

Email ID .....

Presenting a paper? Yes No

Preferred mode of presentation: Oral Poster

Young scientist award: Yes No

Do you need accommodation? Yes No

Category of accommodation

Days No. of persons

Amount Remitted Rs.

Demand Draft No.....

Dated.....

Bank .....Amount .....

Place:

Date:

Signature

Abstract submission  
Guidelines for abstract submission:

Abstract should not exceed 250 words.

The titles to be centered in "CAPITAL LETTERS" and in "Bold" followed by name of Author(s) (first name followed by family name) and their institutional address and email id of corresponding author.

The abstract should be typed in line space 1.5 using Microsoft Word, Font-Times New Roman, Font size 12 and leaving 1 inch margin on all sides.

Abstract will be considered for publication only if accompanied by registration fee.

Abstract can be sent to: [emsimumbai2018@gmail.com](mailto:emsimumbai2018@gmail.com)

**Last Date for Abstract submission: November 15th , 2017.**

Acceptance of the Abstract and Oral/Poster presentation will be confirmed by 25th December, 2017.

**Guidelines for poster presentation:**

The poster size should be 1m x 1m. The text should be legible from a distance of 2 meters. The contents should include title, authors with their institutional address, summary, introduction, objectives, materials and methods, results (tables/graphs), conclusions and important references.

Best posters will be considered for awards.

**Young Scientist oral presentation award.**

Applicant must be registered participant, should be Doctoral scholar / Post doctoral fellow working on the scientific theme of the conference. Age of the applicant should not be more than 35 years as on the day of the conference. Candidate should submit an extended abstract of 350 words along with bio-data and declaration form (Website) duly signed by the head of the institution. Awardees will be selected by a panel of eminent scientists on the basis of presentation during the conference.

**Tentative Speakers**

Prof. Klauss Holzmann, Medical University of Vienna, Austria

Prof. Yuri E. Dubrova, University of Leicester, UK

Prof. H.C. Christian Streffer, University of Duisburg-Essen, Germany

Dr. Dmitry Klokov, Canadian Nuclear Laboratories, Canada

Dr. R. Baskar, National Cancer Centre, Singapore

Dr. Hem Shukla, Notre Dame of Maryland University USA

Dr. Alexandros Georgakilas, National Technical University of Athens, Greece

Prof. Masamitsu Honma, National Institute of Health Sciences, Japan, Tokyo

Dr. Mohana Krishna Reddy, Mudiam IICT, Hyderabad

Dr. Sivaprakash Ramalingam, IGIB, New Delhi

Prof. Alok Dhawan, IITR, Lucknow

Dr. Debapratim Kar Chaudhuri, IITR, Lucknow

Dr. Mahendra Pratap Singh, IITR, Lucknow

Dr. Mayurika Lahiri, IISER, Pune

Dr. Shikha Laloraya, IISc Bangalore

Dr. Sanjeev Galande, IISER, Pune

Dr. Dimple Notani, NCBS, Bangalore

Dr. Laure Sebatier, CEA, France

Prof. Roy Quinlas, University of Durham, UK

Prof. Andrzej Wojok, Stolkholm University, Sweden

Dr. Stefano Bonassi, Head, IRCCS San Raffaele Pisana, Italy.

Dr. S Chattopadhyay Chairman EMSI - 2018

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