



International Conference on Radiation Biology (ICRB 2016)

High LET Radiation Biology and Complex Natural Products in Biology & Medicine

13th Biennial Meeting of the Indian Society for Radiation Biology



Organized by



Center for Environmental Nuclear Research
Directorate of Research

SRM University, Chennai – 603203, India

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Registration Opens

March 16, 2016

Abstract Deadline

September 15, 2016

Early Bird Registration

September 30, 2016

Date: November 09 - 11, 2016

Venue : T. P. Ganesan Auditorium, SRM University, Chennai (India)

<http://www.srmuniv.ac.in/icrb2016>



**President (I/C) - ISRB
Dr. Madhu Bala**



**Convener ICRB 2016
Prof. Kantha D. Arunachalam**

Dear Colleagues,

It gives us an immense pleasure to extend you a very warm and cordial welcome and invitation to participate in the International Conference on Radiation Biology (ICRB 2016) and the 13th Biennial meeting of the Indian Society for Radiation Biology (ISRB) being organized by the Center for Environmental Nuclear Research, SRM University, Chennai during November 9-11, 2016. The theme of ICRB 2016 is **“High LET Radiation Biology and Complex Natural Products in Biology & Medicine”**

The conference would encourage radiation biologists, medical physicists, nuclear medicine physicians, radiation and medical oncologists, radiation technologists, radiation safety specialists as well as those who are engaged in pursuits of improving health and quality of life; to attend this conference, present their research and share their professional experience. The conference will be held in an ambience to exchange ideas, discuss the latest research and explore new avenues for technological development and collaborations. The efforts would be made especially to encourage young investigators and scholars to participate in keeping with the main objective of the conference as to promote further education and research on radiation and their applications in diverse fields.

The venue of the conference, **SRM University (Sri Ramaswamy Memorial University)**, formerly SRM Institute of Science and Technology, is a co-educational private university in the state of Tamil Nadu, India. Chennai, the capital of Tamilnadu State is well known for its ancient civilization and rich heritage exemplified by their numerous monuments, temples, churches, mosques and also has robust physical infrastructure in tune with the modern times. The Organizing Committee would make every endeavor to make **“ICRB-2016”** a conference rich in scientific contents and provide memorable cultural and social events. You should not miss to take advantage of this wonderful location with your near and dear ones and enjoy the science and hospitality.

Who should participate?

The conference is structured as a forum for scientists involved in research and development with a broad community of biologists, oncologist with the ambition to make the best use of the most advanced infrastructures in radiation biology to benefit scientists, researchers, oncologist, radiologist, radiation physicists, technologists, and students in the field.

Scientific Program

The conference features a technical program which will bring you the latest developments on radiation effects in the form of plenary lectures, Invited Talks and Poster sessions focusing on recent advances in the following areas.

1. Ayurvedic Research for Radiation Protection
2. Cancer Epidemiology
3. Cytogenetic and Molecular Markers of Radiation Damage
4. DNA Repair & Bystander Effects of Radiation
5. Environmental Monitoring for Radiation Risk Assessment
6. Gene Regulation and Epigenetics
7. Health Effects of Non-Ionizing Radiation
8. Imaging in Radiation Oncology & Radiotherapy
9. Industry/Academic Collaborations- the ins and outs
10. Interaction of Radiation with Biological Systems
11. Nanotechnology in Radiation & Cancer Research
12. Phyto compounds & Nutraceuticals for Radiation
13. Radiation & Immune Biology
14. Radiation Biomarkers & Biological Dosimetry
15. Radiation Effects on Biodiversity
16. Radiation Effects on Population and Risk Assessment
17. Radiation Induced Signal Transduction Pathways & Apoptosis
18. Radiation physics - Measurement, Protection & Mitigation
19. Radiation Sciences for Environment & Agriculture
20. Radiation Sensitizers & Countermeasures for Radiation Exposure
21. Role of Molecular Markers in Radiation Therapy
22. Space Radiobiology
23. Stem cells in Cancer Research/Therapy
24. Traditional Medicine in Cancer Management

Awards

The Conference organizers along with the Indian Society for Radiation Biology (ISRB) instituted the following awards towards recognition of excellence in research and encourage young researchers.

1. **Dr. M. R. Raju Award**
2. **Young Scientist Award**
3. **Best Paper Presentation Award**
4. **Best Poster Presentation Award**
5. **Dr. A.V.M. Arunachalam “Innovative Entrepreneur Award”**
6. **Dr. William F. Morgan's Memorial Award**

Desired participants are requested to complete the declaration forms (also available at www.srmuniv.ac.in/icrb2016) and send it as per directions given therein.

Guidelines for submission of abstract

The abstracts in conference theme are invited for paper and poster presentation and the abstract should include background, objectives, methods, results and conclusions, without their headlines. The title should be in capital and in bold followed by the name of authors (with first name first, then middle name followed by family name) and their institutional address with email address of the corresponding author. Do not append degrees, professional designations, etc to names. The name of presenting author should be underlined. The abstract should be typed in single space using microsoft word (Times New Roman, font size 12 and 1.5 pt spacing between lines, limit 300 words). Abbreviations used in the body of an abstract should be defined at their first mention in the text.

All abstract(s) should be submitted only through ONLINE submission process on Conference web page. For abstract submission, the participant needs to create their login account and fill the registration form at the conference web page (www.srmuniv.ac.in/icrb2016). If the authors could not submit online the abstracts can be emailed to papersicrb@srmuniv.edu.in.

Abstract will be considered for publication only if they are accompanied by registration fee of presenting author. Each corresponding author is entitled to submit only one paper. All Presenters must complete REGISTRATION FORM and submit them to the organizers. Only the registered authors will get the certificate. If an abstract is accepted and presenter does not register, the abstract will be withdrawn.

The accepted abstracts shall be published in any reputed **Scopus** indexed journal.

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REGISTRATION FEE

FOR INTERNATIONAL PARTICIPANTS

Category	Up to 30 th September 2016	After 30 th September 2016
Foreign Delegates	US\$ 300	US\$ 400
Foreign Students	US\$ 200	US\$ 250
Accompanying Person*	US\$ 200	US\$ 250
Member- Trade & industry	US\$ 800	US\$ 1000

FOR NATIONAL PARTICIPANTS

Category	Up to 30 th September 2016	After 30 th September 2016
ISRB Member	₹ 3000	₹ 3500
Non ISRB Member	₹ 4000	₹ 5000
Research Scholar	₹ 2000	₹ 2500
Students (UG & PG)#	₹ 1500	₹ 2000
Accompanying Person*	₹ 2000	₹ 2500
Member- Trade & Industry	₹ 20,000	₹ 30,000
Cancellation Charge	10% till Aug. 15, 2016	50% till Oct. 10, 2016

Registration Fee Includes Participation in all scientific sessions, tea, lunch, dinner and conference kit.

entitled to participation in all scientific sessions, tea and lunch; need to submit a letter clearly stating their studentship status, forwarded by the Head of the Institution / Supervisor along with the Registration Form.

*Not entitled for the conference kit

All participants are required to register ONLINE on Conference web page (www.srmuniv.ac.in/icrb2016) by creating an individual login account and the registration fee can be paid online in the online portal within the specified date. If the participants wish to register in offline mode the payment can also be made by Demand Draft in favor of “**International conference of Radiation Biology - 2016**”, payable at Chennai, and sent to Conference Secretariat. For further enquiries contact registrationicrb@srmuniv.edu.in.

Language of the Conference

The official language of the ICRB 2016 is English. No simultaneous translation will be provided.

Poster Presentation

Facility will be available to exhibit posters of size 3ft X 4ft (WxH).

Accommodation

The organizers will try their level best to provide accommodation on first come first serve basis in the International / National guest houses and hostels at reasonable rates. In addition, for the benefit of participants, rooms have been secured at various hotels near University, at special negotiated price. To ensure assured accommodation, participants are strongly advised to send the desirable accommodation form and the required payment in form of Demand Draft in favor of International Conference on Radiation Biology-2016, Payable at Chennai. For further enquiries contact accommodationicrb@srmuniv.edu.in.

Preferred Lodging

SRM Hotel - <http://srmhotels.com/new/booking>

Fortune Select Grand - http://www.fortunehotels.in/hotel/Chennai-Fortune_Select_Grand.aspx

Hotel Vassi Palaze - www.hotelvassi.com

Advertisements, Exhibition And Sponsorship

ICRB 2016 welcomes your participation and invites you to partner with us to take advantage of our many sponsorship opportunities. Let us be your gateway to increase exposure and heighten awareness of your organization. An exhibition of scientific equipment's, books, and consumable will be organized. Sponsorship to the Conference is welcome at all levels. The interested delegates may visit (www.srmuniv.ac.in/icrb2016) and may contact the organizers, ICRB 2016 for further details.



INTERNATIONAL COMMISSION ON RADIOLOGICAL PROTECTION

ICRP Committee 1 which considers the risk of induction of cancer and heritable disease (stochastic effects) together with the underlying mechanisms of radiation action; also, the risks, severity, and mechanisms of induction of tissue/organ damage and developmental defects (deterministic effects) will deliver the invited lectures in the ICRB 2016.

For more details about the committee visit

http://www.icrp.org/icrp_group.asp?id=7

IBIBAM

Ion Beams in Biology and Medicine

Expert Invited speakers from the IBIBAM team will also deliver the invited lectures in the ICRB 2016.

For more details about the IBIBAM Team visit

https://www.gsi.de/en/start/research/forschungsgebiete_und_experimente/appa_pni_gesundheit/biophysics/veranstaltungen/ibibam.htm

Organizing committee of ICRB will make sure the participants will have the professionally rewarding experience, particularly for those who are in this research field. It is a very rare opportunity to meet all the expert international and national researchers from your own fields. Participants of the conference will adore this moment; it may change the direction of your future Research career path in near future.



Venue: Dr. T.P. Ganesan Auditorium, SRM University

For further information contact:

Convener ICRB - 2016

Prof. Kantha D. Arunachalam

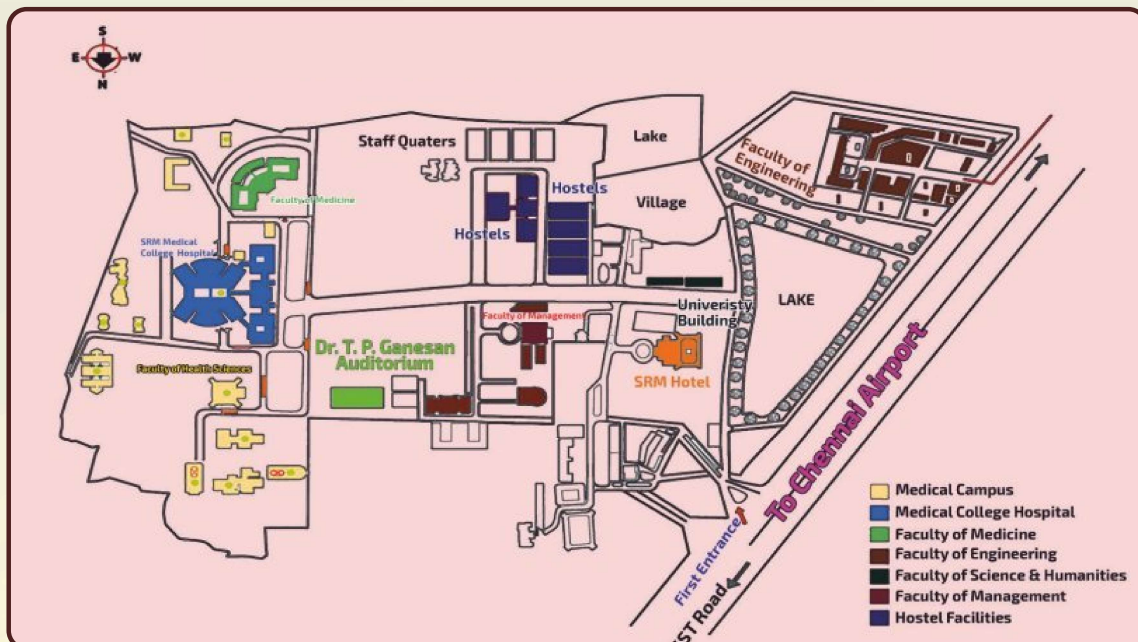
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SRM University Campus, Kattankulathur, Chennai





SIGHT SEEING INFORMATION

Important Tourist Places in and around Chennai City

- Mahabalipuram Rock Temples
- Kapaleeshwarar Temple is a temple of Shiva located in Mylapore.
- The Parthasarathy Temple is an 8th century Hindu Vaishnavite temple dedicated to the God Krishna, located at Triplicane, Chennai.
- San Thome Basilica is a Roman Catholic minor basilica in Santhome. It was built in the 16th century by Portuguese explorers, over the tomb of St Thomas, an apostle of Jesus. In 1893, it was rebuilt as a church with the status of a cathedral by the British.
- Arignar Anna Zoological Park (abbreviated AAZP), also known as the Vandalur Zoo
- Elliot's Beach (popularly known as "Besant Nagar Beach" or "Bessie") is located in Besant Nagar, Chennai.
- Marina Beach is a natural urban beach in the city of Chennai, India, along the Bay of Bengal, part of the Indian Ocean.

Other Most Important Tourist Places in Tamil Nadu:

- The Kamakshi Temple is a famous Hindu temple dedicated to Kamakshi, one of the forms of the goddess Parvati. It is located in the historic city of Kanchipuram, near Chennai
- Tanjore Big Temple at Tanjavour (Single stone Nandi (bull))---300 Km from Chennai
- Rameswaram Temple at Rameswaram (biggest Corridor)---550 Km from Chennai
- Thekkadi is a famous wild life sanctuary situated in Kerala border and is about 140 km away from Madurai city and 550 Km from Chennai. One can have a look of wild animals (Elephant, Deer and Tiger) while sailing in the boat at Mullai Periar dam.
- Munnar Green Valley a beautiful scenaric place situated in Kerala is about 200 km from Madurai and 650 km from Chennai city
- Palani Subramanya swami temple is about 120 km away from Madurai and about 450 km from Chennai
- Kanyakumari is the land end of peninsular India and one can see the sun rise and sun set as if it is rising from Indian Ocean and setting in to the sea. Vivekananda Rock memorial and Saint Thiruvalluvar Statue (133 feet height) are situated inside the sea and it is about 240 km away from Madurai and 750 km from Chennai
- Tamil Nadu Government Tourism department will arrange on request special packages tour for delegates (AC deluxe bus service and three star hotel accommodation) from 11th night to 14th night of December, 2015 depending on the number of places to be covered.





**Scan to
Discover!**



For Conference Enquiry
(9.00am to 6.00pm IST)
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Whatever you think, that you will be.
If you think yourself weak, weak you will be;
if you think yourself strong, strong you will be.

-Swami Vivekananda