



Discussion Meeting
on
Advances in Cancer
Radiotherapy and Research
October 27, 2017 (Friday)

Venue

Auditorium (5th Floor), Research Building
Chittaranjan National Cancer Institute
37, S.P. Mukherjee Road, Kolkata-700 026
West Bengal, INDIA

Organized under the aegis of
Society for Radiation Research (SRR)

(Registration No.: Maharashtra State, Mumbai 2280, 2014 GBBSD)

Registered Office: Advanced Centre for Radiation Oncology

Dr Balabhai Nanavati Hospital, Vile Parle (W), Mumbai 400 056, India

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Web page: www.srrindia.org

NO REGISTRATION FEE

About Society for Radiation Research

The Society for Radiation Research (SRR) is a scientific body of radiation researchers and individuals/students having interest in the area of radiation research. The SRR has been registered on December 15, 2014 in Mumbai by a group of scientists and clinicians.

Society for Radiation Research is aimed:

- i) To promote research in the areas of (a) radiation biology with basic and applied aspects, (b) clinical radiation biology and oncology, (c) radiation hormesis and low dose radiation biology, (d) environmental radiation biology, non-ionizing radiation effects, radiation medicine, radiation technologies, (f) translational research, (g) terrestrial and space radiation biology, and (h) any other relevant research areas.
- ii) To facilitate integration and interaction of different radiation research areas.
- iii) To promote the diffusion of knowledge in these research areas through organizing meetings, conferences, workshops, awareness programs, scientific publications etc.
- iv) Promote discussion, interactions amongst scientist-public-industry and acting as liaison to communicate facts and research developments to public, government and regulatory bodies.
- v) Integration of Society with other National and International Scientific Bodies.
- vi) Facilitate and promote research in areas of radiation research by various means. Encourage and promote young researchers and students to pursue research and build career in the areas of radiation research.
- vii) Promote and facilitate education of radiation research in national Institutes and Universities.

Journal of Radiation and Cancer Research (JRCR) is an official publication of Society for Radiation Research (SRR). JRCR is a peer-reviewed online and print journal published quarterly by Wolters Kluwer - Medknow. The journal's full text is available online at www.journalrcr.org

Features of JRCR Publication

- Online submission and review
- Wider visibility through open access
- Prompt review and timely publication
- Double blinded review process
- No page charges (except color figures on print)
- Editorial Board of eminent scientists and clinicians

- The journal is registered with the following abstracting partners: Baidu Scholar, CNKI (China National Knowledge Infrastructure), EBSCO Publishing's Electronic Databases, Exlibris – Primo Central, Google Scholar, Hinari, Infotrieve, Journal Guide, National Science Library, Netherlands ISSN center, OpenJGate, ProQuest, TdNet

Brief overview of Chittaranjan National Cancer Institute (CNCI), Kolkata (Host Institute)

With the blessings of the great patriot, Deshabandhu Chittaranjan Das, in the form of his kind donation of prime land at South Calcutta, the journey of 'Chittaranjan Cancer Hospital' started in the year 1950, with the cordial help from the first honourable prime minister of independent India, Pandit Jawaharlal Nehru and the honourable chief minister of West Bengal, Dr. Bidhan Chandra Roy. The institution was inaugurated by Prof. Madam I. Curie, and Dr. Subodh Mitra was the Founder Director of the institution. Seven years later, in 1957, a dedicated centre for Cancer Research 'Chittaranjan National Cancer Research Centre' (CNCRC) was established, as an Autonomous Institution under Ministry of Health and Family welfare, Govt. of India. In 1987, with the initiative of our former prime minister, Sri Rajiv Gandhi, both institutions were amalgamated as a single institute, named Chittaranjan National Cancer Institute (CNCI), giving emphasis on Cancer Research, Education and Treatment.

CNCI has another unit at Chandannagar, in the name of Ruplal Nandy Memorial Cancer Research Centre (RNMCR) to cater to the need of the rural population in the adjoining areas. This centre has been playing an important role in detecting and treating cancer at an early stage. Proposal for advanced Radiotherapy treatment facility in this centre is under active consideration.

The increasing burden of cancer incidence and mortality necessitates the initiation of building 660 bedded (projected) multi-disciplinary sophisticated cancer care facility over 10 acres of land at Rajarhat, Kolkata. This project is expected to commence shortly. Following additional State of the Art facilities will be developed: i) Nuclear Medicine both diagnostic and therapy, ii) Upgraded Radiotherapy facility, iii) Upgraded diagnostic facilities, iv) Advanced Haemato and Paediatric oncology, v) Robotic Surgery, vi) Clinical Research, vii) Oncology Nursing College, viii) Postgraduate Degree courses in all oncology branches and related fields. Details are available in CNCI website: "www.cnci.org.in".

PROGRAMME

- 13:45-14:30 : Registration and Tea
- 14:30-14:40 : Welcome address
Dr. Tapas Maji, Director, CNCI, KOLKATA
- 14:40-14:50 : Road map of SRR and Current Issues in Radiation Research
Dr. Rita Mukhopadhyaya, BARC, MUMBAI & Treasurer, SRR
- 14:50-15:20 : Radium to Radiosurgery: An evolution of Radio Oncology
Prof. (Dr.) Alope Ghosh Dastidar, IPGMER, Kolkata
- 15:20-15:50 : Genome based modelling for adjusting radiation dose (GARD)- A new dimension towards personalised Radiotherapy
Dr. Palas De, CNCI, KOLKATA
- 15:50-16:20 : Overview of Radiotherapy in our Current Practice
Prof. (Dr.) Chandan Dasgupta, RG Kar, Medical College & Hospital, KOLKATA
- 16:20-16:50 : Chemotolerant Cancer Cell
Dr. C.K.Panda, CNCI, KOLKATA
- 16:50-17.00 : Vote of Thanks
Dr. Dilip Kumar Ray, CNCI, KOLKATA

Contact person

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Journal of Radiation and Cancer Research

JRCR



Major Features

- Quarterly peer reviewed (both online and printed version) publication
- Online version is open (free) access for higher visibility of articles
- No page and publication charges (except color pages in printed version)
- Prompt Review and early online publication
- Registered with abstracting partners [Baidu Scholar, CNKI (China National Knowledge Infrastructure), EBSCO Publishing's Electronic Databases, Exlibris – Primo Central, Google Scholar, Hinari, Infotrieve, National Science Library, Netherlands ISSN center, ProQuest, ToNet]. Will be indexed in PUBMED.
- Editorial Board comprised of reputed scientists / clinicians from India/abroad
- Online manuscript submission and review process

Scope

JRCR aims to publish original research articles, reviews, technical notes, J reports, commentary, opinion related to basic and translational radiation biology (including ionizing and non-ionizing radiation); low dose radiation biology and epidemiology; radiation oncology; environmental and space radiation biology; radiopharmaceuticals and nuclear medicine; radiation technologies application for human health and environment; basic cancer biology and therapeutic modalities; physical and chemical aspects of radiation effects to biological systems pertaining to radiation safety, human health and cancer radiotherapy.

An Official Publication of Society for Radiation Research (SRR)

www.journalrcr.org



**International Conference on Radiation Research:
Impact on Human Health and Environment (ICRR-HHE 2018) and
Second Biennial Meeting of The Society for Radiation Research (SRR)**



February 1-4, 2018

Venue : University of Hyderabad, Hyderabad, INDIA

Organizing Committee:

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Dr C. K. Panda, CNCI, Kolkata

Major Topics

- Basic and Recent Advances in Radiation Biology
- Radiation Protection and Radio-sensitization
- Radiation induced signaling, DNA Damage and Apoptosis
- Biological Dosimetry and Radiation Biomarkers
- Low Dose Radiation Biology and Environmental Radiation Biology
- Hyperthermia and Translational Radiation Research
- Radiation Oncology
- Radiopharmaceuticals and Nuclear Medicine
- Nanotechnology in Cancer Imaging and Radiotherapy
- Non-ionizing Radiation and Health Effects
- Medical Physics and Radiation Biology
- Radiation Technologies in Human Health and Environment

Awards:

- SRR Young Scientist Awards
- SRR Best Oral Presentation Awards
- SRR Best Poster Presentation Awards
- SRR Best Thesis Awards

Workshop on "Basics in Radiation Biology" will be organized on February 1st, 2018
 For details visit web site: www.srrindia.org



Important Deadlines:

Abstract submission/registration begins : Sep. 15, 2017
Abstract submission closes : Nov. 30, 2017
Acceptance of abstract submission : Dec. 15, 2017
Registration closes : Dec. 31, 2017



Contact details:

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