

17th Annual Meeting of the  
Society for Free Radical Research  
India (SFRR-INDIA-2020)

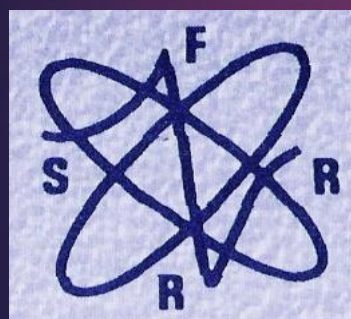
&  
Conference on “Role and  
Management of Oxidative Stress in  
Human Disease”

FEBRUARY 12-15, 2020  
MUMBAI, INDIA

Venue: DAE Convention Centre,  
Anushaktinagar, Mumbai-400094

Organized by

SOCIETY FOR FREE RADICAL  
RESEARCH-INDIA &  
BHABHA ATOMIC RESEARCH  
CENTRE, MUMBAI



## Welcome to the Conference

Research in redox and radiation biology has assumed global importance for ensuring better human health. The role of free radicals in various biological processes with relevance to human health and disease management is gaining momentum. The importance of cellular redox homeostasis in relation to the levels of endogenous antioxidants is being increasingly recognized in several fields of biology including human physiology, radiation biology, and cellular signaling. Several natural and synthetic antioxidants are being examined for prevention and delay the onset of many human diseases. The themes of the conference “*Role and Management of Oxidative Stress in Human Disease*” will cover most of these aspects. The topics covered in the conference shall include the role of oxidative stress / cellular redox, antioxidants and natural products in management of inflammation, cancer, metabolic disorders, aging, neurodegenerative and other diseases, and bio-dosimetry. The presentation of the conference will contain scientific deliberations by a host of experts and emerging professionals, and provide a meeting ground to the participants for productive interactions to translate laboratory findings to clinical applications for management of human ailments.

The local symposium organizing committee extends a very warm invitation to senior researchers/scientists/ physicians from Universities, Institutions, Hospitals and Industries, engaged in basic as well as applied research in related areas of oxidative stress, redox biology and antioxidants to participate in the meeting. The scientific sessions of the conference include plenary lectures, invited lectures, best thesis presentation and selected oral /poster presentations of the contributed papers. Interested participants are requested to send the duly filled in registration form within the stipulated deadline.

## TOPICS TO BE COVERED

### ❖ Oxidative Stress and Associated Human Diseases

- ✓ **Cancer**
- ✓ **Cardiovascular disease, Ischemia / reperfusion**
- ✓ **Inflammatory and immune disorders**
- ✓ **Lung diseases**
- ✓ **Neurodegenerative disorder**
- ✓ **Diabetes**
- ✓ **Liver disease**
- ✓ **Digestive and Renal diseases**

### ❖ Redox Biology

- ✓ **Redox Signaling**
- ✓ **Redox physiology, Pathology & Toxicology**
- ✓ **Cellular detoxification mechanisms**
- ✓ **Chemistry of reactive oxygen species**
- ✓ **Nano-toxicology & Nano-therapeutics**
- ✓ **Natural and Synthetic antioxidants**
- ✓ **Nutraceuticals for new drug development**

### ❖ Radiation Biology

- ✓ **Radioprotectors / Radiation countermeasures**
- ✓ **Radiosensitizers and cancer radio-therapy**
- ✓ **Radiation bio-dosimetry**
- ✓ **Radiopharmaceuticals**

## CONFIRMED SPEAKERS

Prof. Angelo Azzi, USA  
Prof. Antonio Cuadrado, Spain  
Prof. Shinya Toyokuni, Japan  
Prof. Des R. Richardson, Australia  
Prof. Matt Whiteman, UK  
Prof. Bertrand Friguet, France  
Prof. Christian Schöneich, USA  
Prof. Hiroshi Nishida, Japan  
Prof. Santasree Mazumder, India  
Prof. Roland Stocker, Australia  
Prof. Roberto Sitia, Italy  
Prof. Masuko Ushio-Fukai, USA  
Prof. Soumen Manna, India  
Prof. Michel B. Toledano, France  
Prof. Shyamalava Mazumdar, India  
Prof. Tohru Fukai, USA  
Prof. Micheal Glickman, USA  
Prof. Junichi Fujii, Japan  
Prof. Sarah Doyle, Ireland  
Prof. Irfan Rahman, USA  
Prof. Gemma Figtree, Australia  
Prof. Nalani Namashivayam, India  
Prof. Steven Y. Qian, USA  
Prof. Vadlapudi Kumar, India  
Prof. Sue Goo Rhee, USA

## CONFIRMED SPEAKERS

Prof. Santiago Lamas, Spain  
Prof. Subir Kumar Das, India  
Prof. Oren Tirosh, Israel  
Prof. Hiroyuki Itabe, Japan  
Prof. D. N. Rao, India  
Prof. Mi-Kyoung Kwak, South Korea  
Prof. Joao Laranjinha, Portugal  
Prof. Madhu Dixit, India  
Prof. Yoshiro Saito, Japan  
Prof. Periannan Kuppusamy, USA  
Prof. Christian E. Gonzalez Billault, Chile  
Prof. Umah Rani Kuppusamy, Malaysia  
Prof. Chrysostomos Chatgililoglu, Italy  
Prof. Corinne M. Spickett, UK  
Prof. Vijay Kumar Kutala, India  
Prof. Sang Sun Yoon, South Korea  
Prof. Rakesh P Patel, USA  
Prof. Lars-Oliver Klotz, Germany  
Prof. Jeonga Kim, USA  
Prof. Yau-Huei Wei, Taiwan  
Prof. Joan Laranjinha, Portugal  
Prof. Sruti Shiva, USA  
Prof. Niranjana Pathappa, India  
Prof. Manas Santra, India

## Patrons:

**Dr. K. N. Vyas**, Chairman, AEC  
**Dr. Ajit K Mohanty**, Director, BARC  
**Dr. R. Chidambaram**, Homi Bhabha Chair Prof

**Dr. Srikumar Banerjee**, Chancellor, HBNI  
**Advisory Committee**

**Dr. S. Chattopadhyay** (Chairman), Kolkata  
**Dr. V. P. Venugopalan** (Co-Chairman), BARC, Mumbai

## Members

Dr. Haridas Pal (BARC, Mumbai)  
Dr. Sudhir Kapoor (BARC, Mumbai)  
Dr. A. K. Tyagi (BARC, Mumbai)  
Dr. S. Adhikari (BARC, Mumbai)  
Dr. César G. Fraga (Argentina)  
Dr. Chandan Sen (USA)  
Dr. Chin-Chuan Chen (Taiwan)  
Dr. Danael Tsun-Yee Chiu (Taiwan)  
Dr. Davies Michael (Denmark)  
Dr. Giovanni E Mann (UK)  
Dr. Helmut Sies (Germany)  
Dr. Irfan Rahman (USA)  
Dr. José Viña (Spain)  
Dr. Juan Sastre (Spain)  
Dr. Junji Terao (Japan)  
Dr. Kalanithi Nesaretnam (Malaysia)  
Dr. Mahdi A A (KGMU, Lucknow)  
Dr. Majima H J (Japan)  
Dr. Naito Y (Japan)  
Dr. Nesrin Kartal Özer (Turkey)  
Dr. Nick Hunt (Australia)  
Dr. Osamu Handa (Japan)  
Dr. Patricia Oteizia (USA)  
Dr. P. K. Pujari (BARC, Mumbai)  
Dr. Raekil Park (Korea)  
Dr. S. K. Sharma (NPCIL, Mumbai)  
Dr. Shinya Toyokuni (Japan)  
Dr. Y. J. Surh (Korea)  
Dr. Yang Liu (China)  
Dr. Ying-Tung Lau (Taiwan)

## Symposium Organizing Committee

**Chairman:** Dr. Vinay Kumar (BARC, Mumbai)

**Convener:** Dr. Santosh K. Sandur (BARC, Mumbai)

**Co-convener:** Dr. S. Adhikari (BARC, Mumbai)

**Treasurer:** Dr. D K Maurya (BARC, Mumbai)

## Members:

Dr. S K Ghosh (BARC, Mumbai)  
Dr. H S Misra (BARC, Mumbai)  
Dr. P Suprasanna (BARC, Mumbai)  
Dr. A K Tyagi (BARC, Mumbai)  
Dr. S Banerjee (BARC, Mumbai)  
Dr. J S Melo (BARC, Mumbai)  
Dr. H.Rajaram (BARC, Mumbai)  
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Dr. B N Pandey (BARC, Mumbai)  
Dr B L Das (BARC, Mumbai)  
Dr. B Shankar (BARC, Mumbai)  
Dr. A Ghosh (BARC, Mumbai)  
Dr. B S Patro (BARC, Mumbai)  
Dr. M Subramanian (BARC, Mumbai)  
Dr. V Gota (ACTREC)  
Dr. N Bhat (BARC, Mumbai)  
Dr. A Kunwar (BARC, Mumbai)  
Dr. A Ballal (BARC, Mumbai)



## Abstract Submission

The abstract should be typed in Times New Roman with title (font size 14) and the remaining text (font size 12). The name of the presenting author should be underlined and all the authors names should be prefixed with initials.

The complete postal addresses of the authors along with the *email addresses* and fax numbers of the corresponding authors should be provided.

The abstract should not exceed 250 words and structured into Introduction, Methods, Results & Discussion and References.

Acknowledgements should be brief and placed before the References.

Researchers opting for oral presentation should send their CV along with the abstract. The selection will be based purely on the quality of the abstract.

### Young Investigator and Travel Awards

About 6 to 10 Young investigators' and travel awards will be provided to research scholars within India. Interested scholars (below 35 yrs) should send an application along with the abstract, latest CV and a recommendation letter from the research guide.

## BBA Young Investigator Award

BBA (Elsevier) is a set of international journals, encompassing biochemistry, biophysics, molecular biology, and cell biology etc.

BBA is offering 2 awards each of US \$250 for the best research contribution from PhD students during 17th Annual Meeting (SFRR-INDIA-2020) and International Conference on "Role and Management of Oxidative Stress in Human Disease" at Mumbai, India during February 12-15, 2020.

### Minimum Eligibility Requirements

- Must commit to attending the conference
- Must be a regular PhD Student
- Below 32 years of age

### How to Apply

Students will need to submit the following:

1. A 300-word abstract (including the title, authors and institution);
2. A letter of recommendation from the applicants mentor.
3. Applicant's CV.



## Registration & Abstract submission

### Registration Fee for Foreign Delegates

Faculty: US\$ 500  
Student Participants: US\$ 200  
Accompanying person: US\$ 150

### Registration fee includes :

Accommodation in BARC Guest House, Local transport, Registration kit, banquet, Lunches and Dinners during the conference.

### Registration Fee for Indian delegates

Faculty: INR 3000 (SFRR members)  
INR 3500 (non members)

Student: INR 2500 (SFRR members)  
INR 3000 (non members)

### Registration fee includes :

Registration kit, banquet, Lunches and Dinners during the conference.

### Registration fees to be paid in favour of:

**"SFRR-INDIA-2020" payable at Mumbai**

### Important Deadlines

Abstract submission : November 30, 2019  
Registration : January 15, 2020  
Accommodation Requests: January 15, 2020

**Selected Abstracts will be invited for publication as full length articles in Special Issue of "Free Radical Research" Journal**

## ACCOMMODATION

Accommodation for the participants will be arranged during 11.02.2020 to 15.02.2020 in BARC Guest House on sharing basis. Requests for the accommodation can be made via the website from December 01, 2019 to January 15, 2020.

Accommodation Packages (for 5 Nights)

Faculty members : **Rs. 4000/-**

Students: **Rs. 3000/-**

## Registration Form

### Role and Management of Oxidative Stress in Human Disease

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### 17<sup>th</sup> Annual Meeting of the Society for Free Radical Research India (SFRR-INDIA-2020)

Name: Prof./Dr./Mr./Mrs./Ms

Complete address:

Phone:

Email:

Number of accompanying person (s):

Male / Female:

Abstract category: Invited / Oral / Poster / Observer

Do you need accommodation? Yes / No

### Registration Fees

Online Transaction number / UTR details:

Cheque/Demand Draft No. & Date:

For Rs. / US\$.....

### Online transfer details:

(NEFT transfer details: Name: SFRR-INDIA-2020

A/C No: 38623487574

Branch: BARC, Trombay, IFSC: SBIN0001268)

Date and place

Signature

Send all correspondence to:

**Dr. Santosh Kumar Sandur**

Convener, SFRR-INDIA-2020

Radiation Biology & Health Sciences Division

Bhabha Atomic Research Centre, Mumbai 400 085, India

Ph. No. +91-22-25595356

Email: [sfrrindia2020@gmail.com](mailto:sfrrindia2020@gmail.com)

[abstract@sfrrindia2020.com](mailto:abstract@sfrrindia2020.com)

## Role and Management of Oxidative Stress in Human Disease

&

### 17<sup>th</sup> Annual Meeting of the Society for Free Radical Research-India (SFRR-INDIA-2020)

Full Name: .....

Position & Affiliation: .....

Father's Name: .....

Nationality: .....

Date & Place of Birth: .....

Passport Number: .....

Date & Place of Issue: .....

Passport Issuing Authority: .....

Present Address: .....

Permanent Address: .....

E-mail: .....

Telephone Number: .....

Fax Number for Contact: .....

**Visa (Business / Conference) is mandatory for attending the conference and should be obtained from the Indian Consulate in their countries.**