

WORKSHOP: RECENT ADVANCES IN BIODOSIMETRY

DATE: 23rd November 2023

Venue: 7th Floor, Vimshathi Bhavan, ABSMIDS, Mangalore

Dear Sir / Madam

We are pleased to invite you, your colleagues and students to participate in a workshop titled “**Biodosimetry**” being organized by the Central Research Laboratory, K S Hegde Medical Academy, as a part of the ICRB-2023 under the auspices of Indian Society of Radiation Biology to commemorate Sliver Jubilee of K.S. Hegde Medical Academy, Nitte (Deemed to be University) during 23rd-25th November 2023. Emergency planning and preparedness for a radiological event involves complex crisis management to appropriately triage and treat the exposed population and protect the health of first responders. Biodosimetry diagnostics are useful because they provide patient-specific information regarding the amount of radiation-induced tissue damage, which can then be used to guide medical treatment decisions, including field triage and advanced clinical care. This workshop is intended to provide different techniques and development of quantifying dose to individuals exposed to ionising radiations.

Registration: 8.00 AM-8.45 AM

Inauguration: 8.45AM -9.15 AM

Time	Topic	Speaker
9.15 AM-9.45 AM	Overview of Biodosimetry	Prof. P. Venkatachalam, Professor and Head, Dept. of Human Genetics, SRIHER (Deemed to be University), Chennai, India.
09.50 AM-10.20 AM	Challenges of Biodosimetry techniques in Clinical setup	Dr. N K Chaudhury, Sc – G Head, Division of Radiation Biodosimetry, INMAS, Delhi
10.25 AM–11.00 AM	Dicentric assay and Micronucleus assay – its relevance with dose estimation	Dr. Vijayalakshmi, Associate Professor, Dept of Human Genetics, SRIHER (Deemed to be University), Chennai, India.
TEA BREAK		
11.15 AM -11.45 AM	Gamma H2AX assay - its relevance with dose estimation	Dr. Venkateswaralu Raavi, Assistant Professor, SDUAHER (Deemed to be University), Kolar, Karnataka.
11.45 AM -12.45 PM	Biodosimetry lab visit, Central Research Laboratory, KSHEMA	Dr. Vishakh R Dr. Tamizh Selvan G

For Registration contact: Dr. Tamizh Selvan G / Dr. Vishakh R

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Chairman:

Dr. Suchetha Kumari N
Principal Scientific Officer
Central Research Laboratory
K.S.Hegde Medical Academy

Co-chairmen:

Dr. Vishakh R
Dr. Tamizh Selvan G
Central Research Laboratory
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