

Wednesday, 30th October, 2019 Auditorium, NEERI, Nehru Nagar Nagpur	
9:00 AM to 10:00 AM	Symposium Registration Meet and Greet
10:00 AM to 10:45 AM Inaugural Session	Welcome Address by Dr. Rakesh Kumar Director, Council for Scientific & Industrial Research-National Environmental Engineering Research Institute, Ministry of Science & Technology, Government of India
	Introduction to Symposium by DrSunaliKhanna Symposium Chair
	Address by Prof. Dr. Paul B. Tchounwou Associate Dean & Presidential Distinguished Professor, Director, Research Center in Minority Institutions-National Institutes of Health, Centre for Environmental Health, College of Science, Engineering & Technology, Jackson State

	University, Jackson, Mississippi, USA
	Address by Prof. Dr. DeelipG. Mhaisekar Vice Chancellor, Maharashtra University of Health Sciences, Maharashtra
	Address by Chief Guest Shri. M. Venkaiah Naidu Hon. Vice President of India
	Vote of Thanksby Dr.Krishnamurthi
10.45 AM to 11:00 AM	Coffee Break
	PLENARY SESSION I
	Chairpersons: ¹ Dr. HemantPurohitand Prof. Dr. Nagraj Huilgol ² <i>1Chief Scientist& Head, Environmental Biotechnology & Genomics Division, CSIR-NEERI,Nagpur,India</i> <i>2 Head, Dept. of Radiation Oncology, Nanavati Hospital & Research Centre, Founder & President, Society For Radiation Research & Communication, Mumbai, India</i>
11.00AM to 11.20AM	Metal Exposures and Associated Health Concerns Dr. T.K. Joshi Advisor to Ministry of Environment, Forests & Climate Change, New-Delhi, India

<p>11.20AM to 11.40 AM</p>	<p>The Epidemiology of Geophagia in Humans</p> <p><i>Dr. Stella Anyangwe</i> Global Health Expert & Epidemiologist, Former W.H.O. Country Representative, Pretoria, South Africa</p>
<p>11.40 AM to 12 NOON</p>	<p>Occupational Exposures to Heavy Metals</p> <p><i>Dr. RajnarayanTiwari</i> Director, Indian Council Of Medical Research-National Institute Research In Environmental Health, Bhopal, Madhya Pradesh, India</p>
	<p>PLENARY SESSION II</p>
	<p>Chairpersons: Prof. Dr. Ravindra Khaiwal¹ andDr. Vijay Kulkarni²</p> <p><i>1Professor & Head Dept. of Medicine, Sanjay Gandhi Post Graduate Institute, Chandigarh, India</i></p> <p><i>2Senior ,Vice President,Shapoorji&Pallonji Infrastructure, Mumbai,India</i></p>
<p>12 NOON to 12.20 PM</p>	<p>Gene and Environment Interactions in Human Diseases</p> <p><i>Prof. Dr. Paul B. Tchounwou</i> Associate Dean & Presidential Distinguished Professor, Director, Research Center in Minority Institutions-National Institutes of Health, Centre for Environmental Health, College of Science, Engineering & Technology, Jackson State University, Jackson, Mississippi, USA</p>

12.20 PM to 12.40 PM	<p>Magnetic Nanoparticles: An Emerging Strategy for Combinatorial Therapy of Cancer</p> <p><i>Dr. B.N. Pandey</i> Head, Radiation Signaling & Cancer Biology Section, Radiation Biology & Health Sciences Division, Bhabha Atomic Research Center, Dept. of Atomic Energy, Government of India</p>
12.40 PM to 1.00 PM	<p>Assessment of Exposure to Metal Ions in indoor and ambient air among volunteers in New-Delhi</p> <p><i>Dr. Arun Sharma</i> Professor, Department Of Public Health, University College Of Medical Sciences, New Delhi, India</p>
1.00 PM to 2.00 PM	LUNCHEON
	PLENARY SESSION III
	<p>Chairpersons: Dr. Stella Anyangwe¹ B N Pandey² <i>1</i>Global Health Expert & Epidemiologist, Former W.H.O. Country Representative, Pretoria, South Africa <i>2</i> Head, Radiation Signaling & Cancer Biology Section, Radiation Biology & Health Sciences Division, Bhabha Atomic Research Center, Dept. of Atomic Energy, Government of India</p>
2.00PM to 2.20PM	Neurological Effects of Manganese Exposure

	<p>Prof. Arthur L. Frank Professor, Drexel University, Philadelphia, U.S.A.</p>
2.20 PM to 2.40 PM	<p>Ferromagnetic Metals for Hyperthermia in Oncology & External Hyperthermia</p> <p>Prof. Dr. Nagraj Huilgol Head, Radiation Oncology, Nanavati Hospital & Research Centre, Founder & President, Society for Radiation Research & Communication, Mumbai, India</p>
2.40 PM to 3.00 PM	<p>Effects of a rhenium-diselenium compound on breast cancer cells stimulated by inflammatory cytokines.</p> <p>Dr. Vijay Veena Professor, Dept. of Biotechnology, REVA University, Bangalore, Karnataka, India</p>
	PLENARY SESSION IV
	<p>Chairpersons: Dr. Mukesh Khare¹ Dr. Amita Athavale²</p> <p><i>1 Professor, Dept., of Civil & Environmental Engineering, IIT Delhi, India</i></p> <p><i>2 Dept. of Chest Medicine & Environment Research Center, KEM Hospital, Mumbai, Maharashtra, India</i></p>
3.00 PM to 3.20 PM	<p>Radium Therapy the New Swiss- Knife “Terbium Radionuclides”</p> <p>Prof. Dr. Susanta Lahiri Senior Professor, Dept. of Chemical Assessment Division, Saha Institute of Nuclear Physics, Dept. of Atomic Energy,</p>

	Government of India
3.20 PM to 3.40 PM	Impact of Ionic Pollutant on Proneness of Regulatory RNA to Recognize and Bind Contaminant of Emerging Cancers <i>Dr. Patrizio Arrigo</i> CNR-SCITEC, Geneva, Italy
3.40 PM to 4.00 PM	Control of Silicosis Using CC-16 As A New Bio Marker <i>Dr. Kamlesh Sarkar</i> Director, ICMR-National Institute Of Occupational Health, Ahmedabad, India
4.00 PM to 4.20 PM	A New Gallium Complex Inhibits Tumor Cell Invasion & Matrix Metalloproteinases MMP-14, Expression & Activity <i>Dr. Ahmed Mohsen</i> Research Scholar, Institute Galien Paris-Saclay, University of Paris-Saclay, Chatelay- Malabry, Paris, France
4.20 PM to 5.00 PM	Coffee Break
	POSTER SESSION
7.00 PM to 9.00 PM	DIRECTOR'S DINNER
	Thursday, 31st October, 2019

	Auditorium, NEERI, Nehru Nagar Nagpur
	PLENARY SESSION VI
	Chairpersons: Prof. Dr. Vinay Hazarey¹ and Dr. Sri Krishna² <i>1 Former Dean & Head, Department of Oral and Maxillofacial Pathology, Govt. Dental College, Nagpur</i> <i>2 Professor & Head, Department of Oral Medicine & Radiology, Hazaribagh College of Dental College, Hazaribagh, Jharkhand, India</i>
9.30AM to 9.50 AM	Hypoxia (HIF-1α) & Angiogenesis (CD105)- Predictors of Malignant Transformation of Oral Sub Mucous) <i>Prof. Dr. Alka H. Hande</i> Professor & Head, Department of Oral Pathology & Microbiology, Sharad Pawar Dental College and Hospital, Datta Meghe Institute of Medical Sciences, Wardha, Maharashtra, India
9.50 AM to 10.10 AM	Challenges in implementation of Biomedical waste management among the dental practitioners of Kumbakonam – A Survey based study” <i>Prof. Dr. Ramasamy</i>

PROGRAM

	Professor & Head, Dept. of Oral Medicine & Radiology, Rajamuthiah Dental College & Hospital, Annamalai University, Chennai, Tamil Nadu, India
10.10 AM to 10.30 AM	Evaluation of Serum Iron and Vitamin C in Patients with Oral Sub Mucous Fibrosis <i>Prof. Dr. VidyaLohe</i> Professor & Head, Department of Oral Medicine & Radiology, SharadPawar Dental College and Hospital, DattaMeghe Institute of Medical Sciences, Wardha, Maharashtra, India
10.30 AM to 10.50 PM	A retrospective analysis of oral squamous cell carcinoma in Central India <i>Prof. Dr. Swati Patil</i> Professor & Head, Department of Oral Pathology & Microbiology, SharadPawar Dental College and Hospital, DattaMeghe Institute of Medical Sciences, Wardha, Maharashtra, India
10.50 AM to 11.10 AM	Coffee Break
	PLENARY SESSION VII
	Chairpersons: Prof. Arthur Frank and Dr. SusantaLahiri 1 Professor, Drexel University, Philadelphia, U.S.A. 2 Senior Professor, Dept. of Chemical Assessment Division,

	Saha Institute of Nuclear Physics, Dept. of Atomic Energy, Government of India
11.10AM to 11.30AM	Trisenox disrupts mdm2-daxx-hausp complex and induces apoptosis in a mouse model of Acute Promyelocytic Leukemia <i>Prof. Dr. Paul B. Tchounwou</i> Associate Dean & Presidential Distinguished Professor, Director, Research Center in Minority Institutions-National Institutes of Health, Centre for Environmental Health, College of Science, Engineering & Technology, Jackson State University, Jackson, Mississippi, USA
11.30 AM to 11.50 AM	Proteomics as a tool to study cellular response to metals in microbial cells <i>Dr. Sameer Damare</i> Senior Scientist, CSIR-National Institute of Oceanography, Goa, India
11.50 AM to 12.10 PM	Analysis of isotherms & thermodynamic parameters for Zr (IV) adsorption from aqueous medium using potato peel charcoal (PPC) <i>Ms. Nabanita Naskar</i> Research Scholar, Saha Institute of Nuclear Physics,

	Department of Atomic Energy, Kolkata, India
12.10 PM to 12.30 PM	Solute Transport Modeling to Determine Effects of Pollution in Nag River on Groundwater Quality in Nagpur Urban Area Using MODFLOW <i>Dr. Uday Kumar Devalla</i> Assistant Professor, NBKR Institute of Science & Technology, Vidyanagar, India
12.30 PM to 12.50 PM	A Review on Association between Copper Content in Areca nut and Risk of Liver Disease <i>Dr. Suwarna B. Dangore</i> Associate Professor, Department of Oral Medicine and Radiology, DattaMeghe Institute of Medical Sciences, Wardha, Maharashtra, India
12.50 PM to 1.30 PM	LUNCH
	SESSION VIII
	Chairpersons: Prof. Dr.Arun Sawant¹ and Prof. Dr. AlkaHande 1 Former Pro Vice-Chancellor, Mumbai University, India 2Professor & Head, Department of Oral Pathology &Microbiology, SharadPawar Dental College and Hospital,DattaMeghe Institute of Medical Sciences

	,Wardha, Maharashtra, India
1.30 PM to 1.45 PM	Method Development and validation of multi metal assessment for human humanbiomonitoring <i>Dr. JayachelviBabu</i> Senior Lecturer, Ramachandra Institute, Chennai, India
1.45 PM to 2.00 PM	Indoor Air Pollution & Health Risks due to traditional Cook Stove <i>Er. Ankit Gupta</i> CSIR-NEERI,Nagpur
2.00PM to 2.15 PM	Microplastics as vectors of probable human carcinogenic polycyclic aromatic hydrocarbons: Cancer Risk Evaluation <i>Dr. R.J. Krupadam</i> Principal Scientist, CSIR-NEERI,Nagpur
2.15 PM to 2.30 PM	Role of total sialic acid, lipid bound sialic acid & total protein as tumour markers in oral potentially malignant disorders & Oral Squamous Cell Carcinoma <i>Dr. ArchanaSonone</i>

15th International Symposium on Metal Ions and Organic Pollutants in Biology,
Medicine and Environment

PROGRAM

	Associate Professor, Department of Oral Medicine and Radiology, DattaMeghe Institute of Medical Sciences, Wardha, Maharashtra, India
2.30 PM to 2.45 PM	Impact of Ionic Pollutants on poreness of regulatory RNA to recognize and bind contaminants of emerging concerns <i>Dr. P.K.Naoghare</i> Senior Scientist, CSIR-NEERI, Nagpur
2.45 PM to 3.00 PM	Analysis of Serum Iron in areca nut habituals-A comprehensive review <i>Dr. MrunalMeshram</i> Assistant Professor, Department of Oral Medicine and Radiology, DattaMeghe Institute of Medical Sciences, Wardha, Maharashtra, India
3.00 PM to 3.15 PM	Effect of Man Made Radiation on Environmental Health <i>Dr. Jasmohan Singh Sidana</i> Associate Professor, Department Of Oral Medicine & Radiology, Maharaja Ganga Singh Dental College & Research Centre, Sri Ganganagar, Rajasthan, India
3.15 PM to 4.30 PM	Coffee Break
	POSTER SESSION
4.30PM to 5.00PM	Valedictory Ceremony

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