

Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum

And

Central University of Kerala, Kasaragod



In association with  
Kerala Academy of Sciences



# International Webinar Series on 'Food, Chemical and Nanomaterials Toxicity' Program

Date : 26th November 2020

9.00am :

Welcome  
(5 minutes):

Dr. P.V. Mohanan,  
SCTIMST, Organizing Secretary

Introduction about Webinar  
(5 minutes):

Prof. GM. Nair, President,  
Kerala Academy of Sciences

**Presidential address**

**Prof. H. Venkateshwarlu,  
Vice Chancellor, CU Kerala**

**Inaugural address**

**Prof. K. Jayakumar,  
Director, SCTIMST**

Special Remarks  
(5 minutes):

Dr.PR. Harikrishna Varma,  
Head, BMT Wing, SCTIMST

Prof. D. Govinda Rao,  
Dean, CUK

Vote of thanks  
(5min):

Prof. K. Sudha,  
CUK, Organizing Secretary

Live broadcast links



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**International Webinar Series on**  
**'Food, Chemical and Nanomaterials Toxicity'**  
**November 26-28, 2020**

**Schedule of Webinar Series**

26 <sup>th</sup> November 2020, Thursday			
9.00am to 9.30am	Inauguration		
9.45am to 10.45am	The zebrafish as a biomedical model to define developmental origins of chemical toxicity		Prof. Jennifer L. Freeman Purdue University, USA
10.45am to 11.45am	One dimensional semiconducting nanomaterials: Toxicity and clinical applications		Prof. Oomman K. Varghese, University of Houston, USA
Lunch Break			
2.00pm to 3.00pm	Toxicology of pharmaceutical products during drug development		Prof. Bikash Medhi Postgraduate Institute of Medical Education & Research, Chandigarh, India
3.00pm to 4 pm	Influence of the stability and of the reactivity of ZnO nanoparticles on their toxicity		Prof. Raphaël Schneider Université de Lorraine, France
4.0 pm to 5.00 pm	A macroporous cryogel-based systems for water treatment applications: nanocomposite based cryogels and bacteria-based bioreactors		Dr. Irina Savina University of Brighton, UK
27 <sup>th</sup> November 2020, Friday			
11.00am to 12.00 noon	Theragnostics nanomaterials against cancer		Prof. Sakthi Kumar. D Bio Nano electronics Research center, Toyo University, Japan
12.00 noon to 1.00pm	New strategies for mitigating nanomaterials toxicity & enhancing bioactivity		Dr. Neetu Singh Indian Institute of Technology ,New Delhi, India
Lunch Break			
2.00pm to 3.00pm	Natural products as regulators of tumour suppressor genes		Dr. Debasmita P. Alone National Institute of Science Education and Research, Odisha, India
3.00pm to 4pm	Hyaluronic Acid based Nanotechnologies: target delivery of nucleic acids to CD44pos cancer cells		Dr. Annalisa Tirella The University of Manchester, UK
28 <sup>th</sup> November 2020, Saturday			
9.30am to 10.30am	Prospects of nanomaterials in biomedical applications		Dr. Pratima Solanki Jawaharlal Nehru University, New Delhi, India
10.30am to 11.30am	Cardiovascular safety assessment of New Chemical Entities (NCEs)		Prof. Shyam S. Sharma National Institute of Pharmaceutical Education and Research, Mohali, India
11.30am to 12.30pm	Food - risk assessment		Prof. Prathap Kumar Shetty. H Pondicherry University, India
12.30pm to 1.00pm	Valedictory address		Prof. Suresh Das Former Director, NIIST, Emeritus Professor

Chairman Dr. P.R. Harikrishna Varma

Co-Chair Prof. Govinda Rao D

Organizing Secretaries

Dr. Sudha K, CUK (sudhakappalli@cukerala.ac.in)

Dr. Mohanan PV, SCTIMST (mohananpv10@gmail.com)

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