



SERB Sponsored Workshop On

“Structure-based drug designing for the treatment of Alzheimer’s disease”

Under SERB Scientific Social Responsibility Policy (SSR)

March 16-18 (Thursday-Saturday), 2023

Last date for registration: 8 March, 2023

Who can attend the workshop: Only the faculty members of nearby colleges

Event Coordinator

Prof. Sushant Kumar Shrivastava

Principal Investigator,

Dept. of Pharmaceutical Engineering, Technology, Indian Institute of Technology-
Banaras Hindu University (IIT-BHU), Varanasi 221005

Venue of the Event:

Seminar Hall, First floor,

Dept. of Pharmaceutical Engineering, & Technology,
Indian Institute of Technology - Banaras Hindu University (IIT-BHU), Varanasi

Agenda

Date: 16-03-2023 (Thursday)		
8:30 to 9:15 am	Inaugural Function	
Time	Topic	Speaker
09:30-10:30 am	Lecture on: Industrial Framework for the discovery of new molecules	Dr. D.K. Jaiswal
10:30-11:30 am	Lecture on: Enzyme inhibition and its significance	Prof. S.K. Shrivastava
11:30 am-12:30 pm	Lecture on: Fluorescent diagnostic probes in neurodegenerative disease	Dr. Deepak Kumar
12:30-02:00 pm	Lunch Break	
02:00-05:00 pm	Hands on enzyme inhibition and anti-oxidant activities (In groups)	
Date: 17-03-2023 (Friday)		
09:00-10:00 am	Lecture on: Modeling human neurodegenerative disease using transgenic animal model system	Prof. S. Srikrishna
10:00-11:00 am	Lecture on: Structure-based discovery of novel therapeutics for AD	Dr. Rajnish
11:00-11:15 am	Tea Break	
11:15 am-12:15 pm	Lecture on: A novel formulation for improved therapy of nocturnal asthma	Prof. B. Mishra
12:15-02:00 pm	Lunch Break	
02:00-05:00 pm	Hands on in-silico based drug designing (In groups)	
Date: 18-03-2023 (Saturday)		
9:00-10:00 am	Lecture on: Development of multi-targeted ligands for the treatment of AD	Dr. S.K. Shrivastava
10:00-11:00 am	Lecture on: Development of Pharmacological Animal models	Prof. K. Sairam
11:00-11:15 am	Tea Break	
11:15 am-1:15 pm	Lecture on: LCMS-based approach for identification of novel bioactive molecules from natural sources	Dr. Shreyans Kumar Jain
1:15-02:30 pm	Lunch Break	
2:30-4:00 pm	Certificate distribution and vote of thanks	

Registration Form

Name	
Designation	
Department	
Institute	
Address	
Email	
Mobile number	
Qualification	
Area of the specialization	
Signature of the applicant	
Recommended and forwarded (signature and seal of the institute)	

The last date for registration, is March 8, 2022.

Interested candidates submit their complete registration form to skshrivastava.phe@itbhu.ac.in

Acknowledgment

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