



Reminder: Guest Lecture by Dr. Ashwani Kumar Thakur Today at 3 PM

BSBE Outreach <bsbe_seminar@iiti.ac.in>

Tue, Nov 19, 2024 at 10:24 AM

To: Allstudent <allstudent@iiti.ac.in>, allfaculty <allfaculty@iiti.ac.in>, All Scientists at IITI <allscientists@iiti.ac.in>

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Dear Colleagues,

Good morning! This is a friendly reminder to attend the guest lecture by Dr. Ashwani Kumar Thakur, PhD, Professor of Biological Sciences and Bioengineering at IIT Kanpur, scheduled for today.

Details of the Lecture:

Title: Drug discovery driven by a mechanistic understanding of protein aggregation in amyloid-like diseases

Date: 19th November

Time: 15:00

Venue: Gargi Seminar Hall

Abstract: Protein amyloid deposition is implicated in many human and animal diseases. With the advent of advanced tools and techniques, researchers are gaining deeper insights into the types and pathogenic mechanisms of these disorders. A key focus is understanding the time course and structural changes that occur during protein aggregation, ultimately leading to the amyloid state. This approach helps identify critical regions within proteins that drive aggregation, providing valuable targets for developing inhibitors to prevent this process.

Further, in this talk, Dr. Thakur will present the progress of lead molecules developed in his lab for inhibiting polyglutamine aggregation in Huntington's disease and phenylalanine aggregation in Phenylketonuria. We look forward to your participation in this insightful and thought-provoking lecture.

Best regards,
Seminar Committee
Department of Biosciences and Biomedical Engineering
Indian Institute of Technology Indore