

## **Internal Webinar**

### **Promiscuous Proteins and Precision Healing: ApoA1 and FVIII at the Heart of Therapeutic Advances**

**Bhale Aishwarya Sudam**

**VIT, Vellore**

Promiscuous proteins such as ApoA1 and Factor VIII (FVIII) have emerged as pivotal targets in advancing therapeutic strategies for cardiovascular and bleeding disorders. My work delves into the structure-function relationships of these proteins, exploring their engineering for improved stability, efficacy, and targeted delivery. By integrating biophysical, biochemical, and translational approaches, this research contributes to understanding their mechanisms of action and highlights their potential in developing precision medicine strategies for complex diseases.

***Thursday, Jan 16<sup>th</sup> 2025***

***14:30 Hrs***

