

## **Seminar**

### **Biomaterials and Chemical Biology Approaches for Solving Unmet Clinical Needs**

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Our lab is focusing on clinical translational research through biomaterials and chemical biology programs. By using chemical design tools, we have been developing therapeutic and prophylactic biomaterials for medical applications. For example, in this talk two specific examples will be discussed in detail. In one example, we will discuss development of potential drugs for the treatment of inflammatory bowel diseases using biomimicry-based drug discovery. In another example, we will discuss developing a novel blood bag technology to enhance the quality and shelf-life of stored blood that will have enormous clinical implication. Overall, we will see a snapshot of various technologies that could be developed in the lab, and translated into the clinic/market.

***Tuesday, Jul 4<sup>th</sup> 2023***

***4:00 PM (Tea / Coffee 3.45 PM)***

***Auditorium, TIFR-H***