

Seminar

Drug Discovery Fundamentals & Challenges

Rajiah Aldrin Denny

HotSpot Therapeutics, Boston, MA

This talk will explore the following simple questions:

- What are the requirements for a good medicine?
- How medicines (especially small molecules) are rationally designed?
- What are the steps involved in the drug discovery process?
- Why does your doctor prescribe for example one dose in the morning with food and one dose at night? What's the science behind it?
- What's placebo? Is it real? How to clearly show the medicine works in our body?
- What's potency and efficacy? What's the role it plays in drug discovery?
- What's PK, PD, ADMET?

Finally based on audience/students' participation will address Covid vaccine development and/or AI/ML in drug discovery.

Wednesday, Dec 1st 2021

04:00 PM

Auditorium, TIFR-H