



Thursday, August 24, 2017, 12:30 pm

Seaver Science Library, Room 150

SSC Auditorium next to the library

Professor Brian McNaughton

Departments of Chemistry, Biochemistry, and Molecular Biology

Colorado State University

Strategies and Tactics for Biologics Drug Discovery

Abstract:

My talk will describe recent development of biological drug leads. I will first describe how evolution of the first synthetic RNA recognition motif led to the discovery of a potent inhibitor of HIV proliferation. Next I will describe how questions about helix engineering and evolution led to potent inhibitors of HIV infection, with application in other diseases such as cancer. Finally, I will describe recent efforts in my lab to develop a practical continuous evolution platform.

Hosted by Professor Matt Pratt

The scientific community is invited