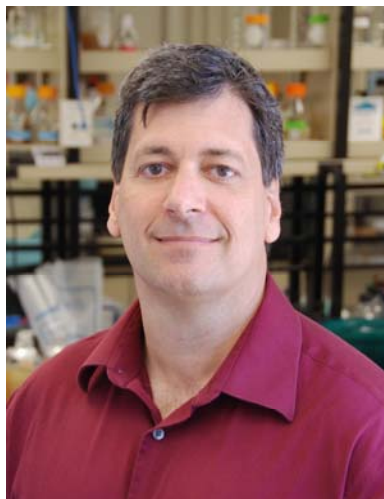


BIOCHEMISTRY SEMINAR SERIES

Faculty Research Seminars – Fall 2021



Prof. Robert Clubb

UCLA Chemistry & Biochemistry

Bacterial pathogens mount successful infections by displaying virulence factors that enable them to adhere to host tissues, evade the immune response, invade host cells and acquire essential nutrients. I am interested in understanding the molecular mechanisms that underpin virulence factor display and function, and I hope to translate my laboratory's research findings into practical applications. Our work is concentrated in two general areas of microbiology: (1) the biosynthesis of protein- and glyco-based polymeric virulence factors, and (2) microbial mechanisms that acquire heme-iron from human hemoglobin. We are also applying high-throughput screening and structure-based methods toward the goal of discovering new anti-infective agents to treat infections caused by *Staphylococcus aureus*, a leading cause of life-threatening hospital and community acquired infections in the United States.

Friday, November 12, 2021

Mol Sci 3440

3:30 pm