

SEMINAR

December 15th

From 16:45 ~ 17:45

Title :

Chemical Biology of Natural Product Biosynthesis

Abstract :

The modular metabolic pathways encoding fatty acid synthases (FASs), polyketide synthases (PKSs), and non-ribosomal peptide synthetases (NRPSs) offer a glimpse of how evolution of an iterative multienzyme pathway can diverge into the rich pharmacopeia of secondary natural products. Our group has developed chemical biology tools to investigate these carrier protein-dependent synthases, in which we integrate probe development, structural biology, and computational modeling to understand, direct and control these incredible molecular machines.

Speaker :

Professor Mike Burkart

*Professor of Chemistry and Biochemistry,
University of California, San Diego*



Venue :

**Room# 110 (1st floor) of
Laboratory of Advanced Research A
< 総合研究棟A 110号室 >**