



2014-2015 POCC Lecture Series

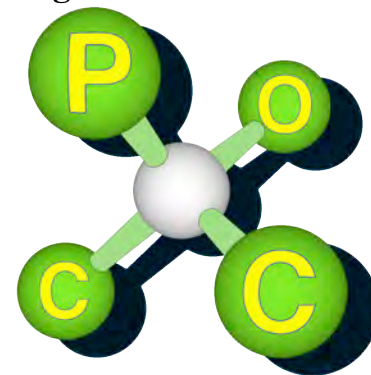
February 26, 2015, 8:00 PM

Prof. Neil K. Garg
UCLA

Total Synthesis of Indole Alkaloids

Carolyn Hoff Lynch Lecture Hall
Chemistry Building, University of Pennsylvania

The Philadelphia
Organic Chemist's Club



POCClub.org

Professor Garg received a B.S. in Chemistry from New York University where he did undergraduate research with Professor Marc Walters. During his undergraduate years, he spent several months in Strasbourg, France while conducting research with Professor Mir Wais Hosseini at Université Louis Pasteur as an NSF REU Fellow. Garg obtained his Ph.D. in 2005 from the California Institute of Technology under the direction of Professor Brian Stoltz. He then joined Professor Larry Overman's research laboratory at the University of California, Irvine as an NIH Postdoctoral Scholar. Garg joined the faculty at UCLA in 2007. In 2012, he was promoted to Associate Professor and began serving as Vice Chair for the Department of Chemistry and Biochemistry. In 2013, he was promoted to Full Professor.

Abstract: This presentation will describe recent efforts by the Garg Laboratory to synthesize complex indole alkaloids. The lecture will showcase the use of synthetic methodologies to assemble intricate natural product scaffolds. Cascade reactions and the strategic use of highly reactive intermediates will be discussed.