The 2016 Novartis — UCLA Lectureship

with

Professor Justin Du Bois

Department of Chemistry
Stanford University

“The Molecular Mystique of Nature’s Poisons”

Abstract. Small molecule neurotoxins serve as important chemical and pharmacological tools for studies aimed at understanding the complex ionic mechanisms of electrical transmission in cells. The voltage-gated sodium ion channel is a primary site of action for many of these poisonous substances. This lecture will attempt to illustrate how molecular design and synthetic chemistry, together with the tools of molecular biology and electrophysiology, can be used to interrogate sodium channel structure and function.

Thursday, October 20, 2016
5:00 PM
CS24 Young Hall

For further information, contact David Gingrich at gingrich@chem.ucla.edu