

Organic Seminar

"Small Molecule Drug Discovery: Transitioning
from Industry to Academia"



Guest Speaker:

Professor Robert J. DeVita

Icahn School of Medicine at
Mt. Sinai

Departments of Pharmacology and Systems
Therapeutics and Structural and Chemical
Biology



Friday, November 10th
9:00am

473 Hutchison Hall
University of Rochester
Department of Chemistry

Abstract: Dr. Robert J. DeVita, Ph.D. is a Professor at the Icahn School of Medicine at Mt. Sinai in the Departments of Pharmacology and Systems Therapeutics and Structural and Chemical Biology. He is also the Director of Medicinal Chemistry for the Experimental Therapeutics Institute (ETI). Dr. DeVita is developing small molecule drug discovery projects in collaboration with principal investigator labs in the Mt. Sinai research community. Current projects include research directed toward discovering new therapeutics for diabetes, cardiovascular disease, oncology and influenza viruses. Dr. DeVita's work has spanned the drug discovery paradigm from target identification to PII clinical studies, including leadership of drug development teams. In collaboration with multi-disciplinary discovery teams, he has identified numerous development candidates including two PII clinical compounds for Central Nervous System (NK1) and Cardiovascular (NPC1L1) targets. Dr. DeVita has drug discovery experience within a broad range of therapeutic areas including: CNS, pain/inflammation, diabetes, cardiovascular, hypertension, obesity, endocrinology, urology and oncology. He has developed, in collaboration with his teams, orally active, brain penetrant, peripheral and GI-tract drug targeting strategies. He also has experience in the discovery and development of PET imaging agents and translational biomarkers for CNS targets including FAAH.

Host: Bob Boeckman • Email: rkb@rkbmac.chem.rochester.edu