

2018 Program – Residential School on Medicinal Chemistry and Biology in Drug Discovery

**Sunday, June 10, 2018 – Registration at The Madison Hotel 3 – 8 PM
Buffet Dinner at The Madison Hotel 6 – 9 PM**

Drew University, Madison, New Jersey

Morning Sessions

Monday – June 11	Tuesday – June 12	Wednesday – June 13	Thursday – June 14	Friday – June 15
Breakfast 6:30 – 8:20	Breakfast 6:30 – 8:20	Breakfast 6:30 – 8:20	Breakfast 6:30 – 8:20	Breakfast 6:30 – 8:20
Registration 7:45 – 8:20				Check Out of The Madison Hotel
8:20 – 8:30 Introduction				* Bring luggage from hotel with you to Baldwin Gym
Lecture 1 8:30-9:30 <i>“Principles of Med Chem (A)”</i> Rick Silverman Northwestern U.	Lecture 6 8:30 – 9:30 <i>“Epigenetics”</i> HoMan Chan Foghorn Therapeutcs	Lecture 11 8:30 – 9:30 <i>“Fragment-based Drug Design”</i> Miles Congreve Heptares Therapeutic	Lecture 15 8:30 – 9:30 <i>“Cheminformatics”</i> Kent Stewart High Point University	Lecture190 8:30 – 9:30 <i>“Preclinical Toxicology”</i> James MacDonald Synergy Partners
Discussion 9:30-9:40	Discussion 9:30-9:40	Discussion 9:30-9:40	Discussion 9:30-9:40	Discussion 9:30-9:40
Lecture 1 9:40-10:40 <i>“Principles of Med Chem (B)”</i> Rick Silverman Northwestern U.	Lecture7 9:40 – 10:40 <i>“Drugs Affecting Ion Channels”</i> Maria Garcia Kanalıs consulting	Lecture 12 9:40 – 10:40 <i>“Hit-to-Lead Process in Drug Discovery”</i> Craig Lindsley Vanderbilt U.	Lecture 16 9:40 – 10:40 <i>“Drug Metabolism”</i> Deepak Dalvie Celgene	Lecture 20 9:40-10:40 <i>“Clinical Development”</i> James McLeod Galleon Pharmaceuticals
Discussion 10:40-10:50	Discussion 10:40-10:50	Discussion 10:40-10:50	Discussion 10:40-10:50	Discussion 10:40-10:50
BREAK 10:50-11:10	BREAK 10:50-11:10	BREAK 10:50-11:10	BREAK 10:50-11:10	BREAK 10:50-11:10
Lecture 2 11:10-12:40 <i>“Practical Enzymology and Receptor Binding Assays”</i> Mark Namchuk Alkermes	Lecture 8 11:10–12:10 <i>“Drug-Like Properties in Drug Discovery”</i> Li Di Pfizer	Lecture 13 11:10-12:10 <i>“Principles of Lead Optimization”</i> John Lowe JL3Pharma	Lecture 17 11:10-12:10 <i>“Biososteres”</i> Nicholas Meanwell Bristol-Myers Squibb	Case History 4 11:10 – 12:10 <i>“Eltrombopag”</i> Kevin Duffy GlaxoSmithKline
Discussion 12:40-12:50	Discussion 12:10-12:20	Discussion 12:10-12:20	Discussion 12:10-12:20	Discussion 12:10-12:20
LUNCH 1:00-2:00 Commons	LUNCH 12:30-1:30 Commons	LUNCH 12:30-1:30 Commons	LUNCH 12:30-1:30 Commons	LUNCH 12:30-1:30 Commons

All lectures and case histories are held in the Baldwin Gym.

Lunch will be served in Drew Commons

Dinner will be served in the Ehinger Center unless otherwise indicated

Afternoon Sessions

Monday–June 12	Tuesday – June 13	Wednesday – June 14	Thursday – June 15	Friday – June 16
Lecture 3 2:00 – 3:00 <i>“G-Protein Coupled Receptors”</i> Ali Jazayeri Heptares Therapeutic	Lecture 9 1:30 – 3:40 <i>“Pharmacokinetics & Plasma Protein Binding”</i> Randy Miller Merck	Lecture 14 1:30 – 3:40 <i>“Molecular Modeling: Structure Based Drug Design”</i> Vincent Stoll AbbVie	Lecture 18 1:30 – 2:30 <i>“Designing around Toxicophores in Drug Discovery”</i> Nicholas Meanwell Bristol-Myers Squibb	DEPARTURE
Discussion 3:00-3:10			Discussion 2:30-2:40	
Lecture 5 3:10-4:10 <i>“Kinase Inhibitors”</i> William Windsor Biotherapeutics, Inc.			Case History 2 2:40-3:40 <i>“Suvorexant”</i> Paul Coleman Merck	
Discussion 4:10 – 4:20	Discussion 3:40 – 3:50	Discussion 3:40 – 3:50	Discussion 3:40 – 3:50	
BREAK 4:20- 4:30	BREAK 3:50 – 4:00	BREAK 3:50 – 4:00	BREAK 3:50 – 4:00	
Lecture 5 4:30 – 5:30 <i>“Protein-Protein Interactions”</i> Maria Blanco Sage Therapeutics	Lecture 10 4:00 – 5:00 <i>“Antibody Drug Conjugates”</i> Peter Senter Seattle Genetics	Case History 1 4:00 – 5:00 <i>“Kalydeco”</i> Peter Grootenhuis Vertex	Case History 3 4:00 – 5:00	
Discussion 5:30 – 5:40	Discussion 5:00 – 5:10	Discussion 5:00 – 5:10	Discussion 5:00 – 5:10	
COOKOUT with wine & beer – Brother’s College 7:00 – 9:00	BUFFET DINNER 5:30 – 7:00 The Pub at the Ehinger Center will be open	Keynote Lecture** at the Dorothy Young Concert Hall Christopher Austin Director National Center for Advancing Translational Sciences 5:30 Reception ** 6:00 Lecture *** 7:00 Banquet Dinner at Mead Hall	BUFFET DINNER 5:30 – 7:00 The Pub at the Ehinger Center will be open	

** 5:30 – DoYo Rotunda

*** 6:00 – Lecture, DoYo

7:00 – Dinner, Mead Hall