

2016 Program – Residential School on Medicinal Chemistry and Biology in Drug Discovery

Sunday, June 5, 2016 – Registration 3 – 9 PM Buffet Dinner 6 – 9 PM

Wyndham Hotel, Florham Park, NJ

Morning Sessions

Monday – June 6	Tuesday – June 7	Wednesday – June 8	Thursday – June 9	Friday – June 10
Breakfast 7:30 – 8:20	Breakfast 7:30 – 8:30	Breakfast 7:30 – 8:30	Breakfast 7:30 – 8:30	Breakfast 7:30 – 8:30
Registration 7:45 – 8:20				
8:20 – 8:30 Introduction				
Lecture 1 8:30-9:30 <i>“Principles of Med Chem (A)”</i> Rick Silverman Northwestern U.	Lecture 7 8:30 – 9:30 <i>“Kinase Inhibitors”</i> William Windsor Biotherapeutics, Inc.	Lecture 12 8:30 – 9:30 <i>Hit-to-Lead Process in Drug Discovery”</i> Craig Lindsley Vanderbilt U.	Lecture 16 8:30 – 9:30 <i>“Fragment-based Drug Design”</i> Miles Congreve Heptares Therapeutic	Lecture 20 8:30 – 9:30 <i>“Epigenetics”</i> HoMan Chan Foghorn Therapeutics
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 2 9:40-10:40 <i>“Principles of Med Chem (B)”</i> Rick Silverman Northwestern U.	Lecture 8 9:40 – 10:40 <i>“Protein-Protein Interactions”</i> Maria Blanco Eli Lilly	Lecture 13 9:40 – 10:40 <i>“Principles of Lead Optimization”</i> John Lowe JL3Pharma	Case History 2 9:40 – 10:40 <i>“Suvorexant”</i> Paul Coleman Merck	Lecture 21 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 3 11:10-12:10 <i>“Receptor Binding Assays”</i> Christopher Haber Zoetis, Inc.	Lecture 9 11:10–12:10 <i>“Drug-Like Properties in Drug Discovery”</i> Li Di Pfizer	Lecture 14 11:10-12:10 <i>“Chemoinformatics”</i> Kent Stewart AbbVie	Lecture 17 11:10-12:10 <i>“Bioisosteres”</i> Nicholas Meanwell Bristol-Myers Squibb	Case History 4 11:10 – 12:10 <i>“Eltrombopag”</i> Kevin Duffy GlaxoSmithKline
Discussion 12:10-12:20	Discussion 12:10-12:20	Discussion 12:10-12:20	Discussion 12:10-12:20	Discussion 12:10-12:20
LUNCH 12:30-1:30 Arrive	LUNCH 12:30-1:30 Arrive	LUNCH 12:30-1:30 Arrive	LUNCH 12:30-1:30 Arrive	LUNCH 12:30-1:30 Arrive

**All lectures and case histories are held in the Wyndham Ballroom
*Breakfast will be served buffet style in the Ballroom Rotunda***

Afternoon Sessions

Monday–June 6	Tuesday – June 7	Wednesday – June 8	Thursday – June 9	Friday – June 10
Lecture 4 1:30 – 2:30 <i>“G-Protein Coupled Receptors”</i> Ali Jazayeri Heptares Therapeutic	Lecture 10 1:30 – 3:40 <i>“Pharmacokinetics & Plasma Protein Binding”</i> Randy Miller Merck	Lecture 15 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 2:30-2:40			Discussion 2:30-2:40	
Lecture 5 2:40-3:40 <i>“Practical Enzymology”</i> Mark Namchuk Alkermes			Lecture 19 2:40-3:40 <i>“Preclinical Toxicology”</i> James MacDonald Chrysalis Pharma	
Discussion 3:40 – 3:50	Discussion 3:40 – 3:50	Discussion 3:40 – 3:50	Discussion 3:40 – 3:50	
BREAK 3:50-4:00	BREAK 3:50 – 4:00	BREAK 3:50 – 4:00	BREAK 3:50 – 4:00	
Lecture 6 4:00 – 5:00 <i>“Drugs Affecting ION Channels”</i> David Triggie SUNY-Buffalo	Lecture 11 4:00 – 5:00 <i>“Drug Metabolism”</i> Rick Morrison Morrison Pharmaceutical Consulting	Case History 1 4:00 – 5:00 <i>“mGlu₅ Positive Allosteric Modulators”</i> Craig Lindsley Vanderbilt U.	Case History 3 4:00 – 5:00 <i>“Adcetris”</i> Peter Senter Seattle Genetics	
Discussion 5:00 – 5:10	Discussion 5:00 – 5:10	Discussion 5:00 – 5:10	Discussion 5:00 – 5:10	
COOKOUT 7:00 – 9:00 Arrive Restaurant	BUFFET DINNER 6:00 – 7:30 Arrive Restaurant	PRE-DINNER LECTURE** Dennis Liotta Executive Director, The Emory Institute for Drug Devel. 5:30 Reception ** 6:00 Lecture *** 7:00 Dinner	BUFFET DINNER 6:00 – 9:00 Arrive Restaurant	
	PANEL DISCUSSION*** 7:30-8:30 <i>“The Value of Mentoring and Networking for Career Development”</i> Maria Blanco			

** 5:30 – Ballroom Rotunda

*** 6:00 – Lecture, Ballroom

7:00 – Dinner, Pavillion