

# Drew University's 34<sup>th</sup> Annual

## RESIDENTIAL SCHOOL ON MEDICINAL CHEMISTRY AND BIOLOGY IN DRUG DISCOVERY June 2021

### Morning sessions

*(Please note all times are EDT)*

Friday June 4th	Monday June 7th	Tuesday June 8th	Wednesday June 9th	Thursday June 10th	Friday June 11th
	Lecture 2 9-10am <i>"Drug-Like Properties in Drug Discovery"</i> Li Di, Pfizer	Lecture 7 9-10am <i>"Cheminformatics"</i> Kent Stewart High Point University	Lecture 11 9-10am <i>"Kinase Inhibitors"</i> William Windsor Stevens Institute of Technology	Lecture 14 9-10am <i>"Epigenetics"</i> Ho Man Chan Astra Zeneca	Lecture 18 9-10am <i>"Protein-Protein Interactions"</i> Maria Blanco Sage Therapeutics
	Q&A 10-10:30am	Q&A 10-10:30am	Q&A 10-10:30am	Q&A 10-10:30am	Q&A 10-10:30am
	Lecture 3 10:30-11:30am <i>"Fragment-based Drug Design"</i> Miles Congreve Sosei Heptares	Lecture 8 10:30-noon <i>"Molecular Modeling: Structure Based Drug Design"</i> Vincent Stoll AbbVie	Lecture 12 10:30-noon <i>"Pharmacokinetics and Plasma Protein Binding"</i> Randy Miller Merck	Lecture 15 10:30-11:30 <i>"Drug Metabolism"</i> Deepak Dalvie Bristol Myers Squibb	Lecture 19 10:30-11:30 <i>"Preclinical Toxicology"</i> James MacDonald Synergy Partners
	Q&A 11:30-noon			Q&A 11:30-noon	Q&A 11:30-noon
	BREAK Noon-1pm	Q&A Noon-12:30pm	Q&A Noon-12:30pm	BREAK Noon-1pm	BREAK Noon-1pm
		BREAK 12:30-1:30pm	BREAK 12:30-1:30pm		

**Afternoon sessions**  
*(Please note all times are EDT)*

Friday June 4th	Monday June 7th	Tuesday June 8th	Wednesday June 9th	Thursday June 10th	Friday June 11th
	BREAK Noon-1pm			BREAK Noon-1pm	BREAK Noon-1pm
		BREAK 12:30-1:30pm	BREAK 12:30-1:30pm		
ResMed Welcome 1-1:20pm	Lecture 4 1-2pm <i>"Hit-to-Lead Process in Drug Discovery"</i> Subharekha Raghavan - Merck			Lecture 16 1-2pm <i>"Designing around Toxicophores in Drug Discovery"</i> Nicholas Meanwell Bristol Myers Squibb	Lecture 20 1-2pm <i>"Clinical Development"</i> James McLeod InxMed
Lecture 1 1:20pm-3:20pm <i>"Principles of Medicinal Chemistry"</i> Tom Prisinzano University of Kentucky	Q&A 2-2:30pm	Lecture 9 1:30-3pm <i>"Practical Enzymology and Receptor Binding Assays"</i> Mark Namchuk Harvard Medical School	Lecture 13 1:30-2:30 <i>"Antibody Drug Conjugates"</i> Peter Senter Seagen	Q&A 2-2:30pm	Q&A 2-2:30pm
	Lecture 5 2:30-3:30 <i>"Principles of Lead Optimization"</i> John Lowe JL3Pharma	Q&A 3-3:30pm	Q&A 2:30-3pm	Lecture 17 2:30-3:30pm <i>"Bioisosteres"</i> Nicholas Meanwell Bristol Myers Squibb	Case Study 2 2:30-3:30pm <i>"CFTR Modulators"</i> Mark Miller Vertex
Q&A 3:20-4pm	Q&A 3:30-4pm	Lecture 10 3:30-4:30pm <i>"Proteolysis- targeting Chimeras"</i> Steven Sparks Arvinas	Michael Sofia Arbutus Biopharma	Q&A 3:30-4pm	Q&A 3:30-4pm
	Lecture 6 4-5pm <i>"Phenotypic Screening"</i> Bridget Wagner Broad Institute	Q&A 4:30-5pm	Q&A 4-4:30pm	Case Study 1 4-5pm <i>"Vismodegib"</i> Dan Sutherlin Genentech	
	Q&A 5-5:30pm			Q&A 5-5:30pm	
		SOCIAL 7-9pm		SOCIAL 7-9pm	