			16:663:502/30:715:452 Principles of Drug Design							Spring 2026
			T, TH 4:10-5:30PM PH-288							
Week	*Day*	*Date*	*Lecture Topic*	*Week*	*Day*	*Date*	*Lecture Topic*	*Week*	*Day*	*Date*	*Lecture Topic*
1	T	20-Jan	L1 -Intro/Drug Discovery & Development	6	Th	26-Feb	S3 -New platform technologies for drug discovery		Sa	4-Apr	
1	W	21-Jan	(Hu)	6	F	27-Feb	(Lou Lombardo and Zhicai Shi, JNJ)		Su	5-Apr	
1	Th	22-Jan	L2 -Approaches to New Drug Discovery		Sa	28-Feb		12	M	6-Apr	
1	F	23-Jan	(Hu)		Su	1-Mar		12	T	7-Apr	L14 - Computer Assisted DD (Peng)
	Sa	24-Jan		7	M	2-Mar		12	W	8-Apr	
	Su	25-Jan		7	T	3-Mar	S4 - Application of AI in Drug Discovery	12	Th	9-Apr	L15 - Computer Assisted DD (Peng)
2	M	26-Jan		7	W	4-Mar	(Dimitris Agrafiotis, Arsenal Capital)	12	F	10-Apr	
2	T	27-Jan	S1 - Bioisosteres by Nick Meanwell (BMS)	7	Th	5-Mar	S5 - Discovery of afimetoran as a TLR7/8		Sa	11-Apr	
2	W	28-Jan		7	F	6-Mar	antagonist for lupus (Alaric Dychman, BMS)		Su	12-Apr	
2	Th	29-Jan	L3 - Approaches to New Drug Discovery		Sa	7-Mar		13	M	13-Apr	
2	F	30-Jan	(Hu)		Su	8-Mar		13	T	14-Apr	L16 - Computer Assisted DD (Peng)
	Sa	31-Jan		8	M	9-Mar		13	W	15-Apr	
	Su	1-Feb		8	T	10-Mar	**EXAM 1 (4:10 PM)**	13	Th	16-Apr	L17 - Computer Assisted DD (Peng)
3	M	2-Feb		8	W	11-Mar		13	F	17-Apr	
3	T	3-Feb	L4 - Enzyme as Targets (Hu)	8	Th	12-Mar	S6 - Dual Approaches to BTK Inhibitor Design		Sa	18-Apr	
3	W	4-Feb		8	F	13-Mar	(Scott Watterson, BMS)		Su	19-Apr	
3	Th	5-Feb	L5 - Enzyme as Targets (Hu)		Sa	14-Mar		14	M	20-Apr	
3	F	6-Feb			Su	15-Mar		14	T	21-Apr	**Essay or Minireivew Due**
	Sa	7-Feb		9	M	16-Mar	**Spring Break**	14	W	22-Apr	
	Su	8-Feb		9	T	17-Mar	**Spring Break**	14	Th	23-Apr	S7 -Cyclic peptides for trapping IL-1β
4	M	9-Feb		9	W	18-Mar	**Spring Break**	14	F	24-Apr	(Jennifer Hickey, Merck)
4	T	10-Feb	L6 - Receptor as Targets (Hu)	9	Th	19-Mar	**Spring Break**		Sa	25-Apr	
4	W	11-Feb		9	F	20-Mar	**Spring Break**		Su	26-Apr	
4	Th	12-Feb	L7 - Prodrug Design (Hu)		Sa	21-Mar		15	M	27-Apr	
4	F	13-Feb			Su	22-Mar		15	T	28-Apr	S8-Monoclonal, antibody drug conjugates &
	Sa	14-Feb		10	M	23-Mar		15	W	29-Apr	peptide therapeutics (Ray Bakhtiar)
	Su	15-Feb		10	T	24-Mar	L10 - Computer Assisted DD (Palmere)	15	Th	30-Apr	S9 - Metabolism considerations in Drug Design
5	M	16-Feb		10	W	25-Mar		15	F	1-May	(Zhoupeng Zhang, BMS)
5	T	17-Feb	L8 - Prodrug Design (Hu)	10	Th	26-Mar	L11 - Computer Assisted DD (Palmere)		Sa	2-May	
5	W	18-Feb		10	F	27-Mar			Su	3-May	
5	Th	19-Feb	L9 - Combinatoiral Chem (Hu)		Sa	28-Mar		16	M	4-May	**CADD Project Report Due**
5	F	20-Feb			Su	29-Mar		16	T	5-May	Reading Day
	Sa	21-Feb		11	M	30-Mar		16	W	6-May	Reading Day
	Su	22-Feb		11	T	31-Mar	L12 - Computer Assisted DD (Palmere)	16	Th	7-May	
6	M	23-Feb		11	W	1-Apr				|	**No Final Exam**
6	T	24-Feb	S2 - Applications of Fluorines in Drug Design	11	Th	2-Apr	L13 - Computer Assisted DD (Palmere)			|	**Final Exam Week 5/2-5/8**
6	W	25-Feb	(Nick Meanwell, BMS)	11	F	3-Apr		17	W	13-May	