

Drug Development Course 2024
Molecule to Medicine at Cornell - Tri-Institutional Therapeutics Discovery Institute
Cornell Directors: Profs. Lorraine Gudas and Daniel Heller
Roche Director: Jerry Varkey

	Class Date	Topic	Faculty Name	Email address
1	Jan 8	Overview of the Discovery and Development Process	Ignacio Rodriguez	ignacio.rodriguez@novartis.com
2	Jan 11	Overview of the Discovery Process	Christian Gampe	gampe.christian@gene.com
3	Jan 18	Nonclinical safety Consideration	Gaurav Tyagi	gaurav.tyagi@roche.com
4	Jan 25	DMPK Considerations	Marcel Hop	hop.cornelis@gene.com
5	Feb 01	Transforming Novel Molecules to Medicines: Technical Perspective	Dharam Singhal	dharmendra.singhal@roche.com
6	Feb 08	Strategic & Tactical Considerations and Business Models	Patrick Schleck	schleck.patrick@gene.com
7	Feb 15	Clinical Safety and Pharmacovigilance	Felix Arellano	felix.arellano@roche.com
	Feb 22	Mid-Term Exam		
	Feb 29	Spring break		
8	Mar 07	Biostatistics in drug development	Steven Blotner & Mike Rabbia	blotner.steven@gene.com
9	Mar 14	Overview of the Early Clinical Process and Key Concepts in Clinical Pharmacology	Ryan Owen	owen.ryan@gene.com
10	Mar 21	Confirmatory Phase and Post Approval Activities	Larry Tsai	tsai.larry@gene.com
11	Mar 28	Drug Development is a Tightly Regulated Science	Megan Zoschg Canniere	megan.canniere@sparktx.com
12	Apr 4	Use of Emerging Technologies to Address Industry Challenges	Tai-Hsien Ou Yang	tai-hsien.ou_yang@roche.com
	Apr 11	Project Presentations – case studies	Ignacio, Ryan, Dharam, Christian	
	Apr 18	Project Presentations – case studies	Gaurav, Tai-Hsien, Megan, Felix	
	Apr 25	Final Exams		