



**Chulalongkorn Drug Discovery and Drug Development Research Center Presents:  
“Driving Drug Discovery and Drug Development through Academia, Public and Private Partnership”**

**November 27 – 29, 2017**

**At Bhumisiri Mangkhalanusorn Building, Faculty of Medicine,  
Chulalongkorn University, Bangkok, Thailand**

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**November 27, 2017**

**Drug discovery: Lead identification and lead optimization**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
08.00 – 08.45	Registration	
08.45 – 09.00	Opening remark – Prof. Kiat Ruxrungtham, VP, Office of Research and Innovation, Chulalongkorn University	
9.00 – 10.00	<i>Keynote presentation: New Frontiers in Pharmacokinetics and Pharmacodynamics</i>	Prof. Dr. Leslie Z. Benet, Department of Bioengineering & Therapeutic Sciences, Schools of Pharmacy & Medicine, University of California San Francisco
10.00 – 11.00	Drug discovery overview and case examples	Dr. Petpiboon Prasit, CEO & CSO Inception Sciences
11.00 – 11.15	Break	
11.15 – 12.30	Finding the right compound: a medicinal chemistry perspective and case examples	Assoc. Prof. Dr. Jim Barrow, Associate Director, Drug Discovery, Lieber Institute of Brain development, John Hopkins School of Medicine
12.30 – 13.30	Lunch	
13.30 – 14.20	Small Molecule Drug Discovery with NCATS: a collaborative model for lead discovery and optimization	Dr. Phil Sanderson, Director, Portfolio Management and Strategic Operations, NCATS, NIH
14.20 – 15.20	Drug discovery experience and a business model in a start-up company: Challenges and key learnings	Dr. Petpiboon Prasit, CEO & CSO Inception Sciences
15.20 – 15.45	Break / Speakers group photo	

**November 28, 2017**

**Drug discovery and early drug development**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
08.00 - 08.45	Registration	
08.45 – 09.45	Prediction Impact on Drug Candidate Selection Based on DMPK and Biopharmaceutic Characteristics	Prof. Dr. Leslie Z. Benet, Department of Bioengineering & Therapeutic Sciences, Schools of Pharmacy & Medicine, UCSF
09.45 – 10.30	Exploratory safety studies to support lead optimization programs and preclinical candidate selection: Practical considerations and case examples	Dr. Brian Ledwith, Head, Non-clinical group, Alexion Pharmaceuticals
10.30 - 10.45	Break	
10.45 – 11.30	GLP safety studies to support preclinical development, first in humans and beyond: Regulatory requirements, strategic and practical considerations	Dr. Brian Ledwith, Head, Non-clinical group, Alexion Pharmaceuticals
11.30 – 12.30	Early Drug Development with NCATS: partnership models and examples	Dr. Phil Sanderson, NCATS, NIH
12.30 – 13.30	Lunch	
13.30 – 14.15	Drug Repurposing with NCATS	Dr. Phil Sanderson, NCATS, NIH
14.15 – 15.00	Setting up an academic drug discovery center: Challenges and key learnings	Assoc. Prof. Dr. Jim Barrow, John Hopkins School of Medicine
15.00 – 16.00	Panel discussions	All speakers
16.00 – 16.30	Break / Souvenirs presentation	

**November 29, 2017**

**Development of new drug products from previously registered drugs**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
08.00 - 08.30	Registration	
08.30 – 08.45	Opening – Asst. Prof. Dr. Rungpetch Sakulbumrungsil, Dean, Faculty of Pharmaceutical Sciences, Chulalongkorn University	
08.45 – 09.45	Re-Purposing and Drug Delivery: A Springboard to Global New Drug Business	Dr. Larry Hsu, Chairman & CEO LifeMax Healthcare International Corp
09.45 – 10.45	Selection of Product Candidates: The first step toward a Successful Pharmaceutical Business	Dr. Larry Hsu, Chairman & CEO LifeMax Healthcare International Corp
10.45 – 11.00	Break	
11.00 – 12.00	A reformulated product development case example: From a concept to product approval	Dr. Ann Hsu, ex. VP, Clinical Research, Impax Laboratories
12.00 – 13.00	Lunch	
13.00 – 14.00	Development of old drugs as new medicines for children – experience from the UK	Prof. Ian C K Wong, UCL School of Pharmacy, UK
14.00 – 15.00	Regulatory considerations: A Thai regulatory perspective	Ms. Worasuda Yoongthong, Director of office of Health Product Innovation, Thai FDA
15.00 – 15.30	Q&A	All speakers
15.30 – 15.45	TRF Research Fund for drug product development	Mr. Kittisak Prompiam, Thailand Research Fund (TRF)
15.45 – 16.10	Break / Speakers group photo / Souvenirs presentation	