



# CUHK PHARMACY ONLINE SUMMER WORKSHOP

Part A: Introduction of **Pharmacy Research Postgraduate Programmes (RPg) & HKPFS Scheme**

Part B: Workshop on **Population Pharmacokinetics with NONMEM**

 13 - 14 JULY  
Wed - Thu

 HK TIME (UTC+08)  
9:00AM - 6:00PM

 FREE OF CHARGE

 ZOOM  
<https://bit.ly/CUHKworkshop22>

Part A: 13 July (Wed) 9:15AM - 12:45PM

## Introduction of Pharmacy Research Postgraduate Programmes (RPg) & HKPFS Scheme

PURSUING A REWARDING CAREER IN RESEARCH



### FEATURING

- Application Guideline
- Career Prospect
- Pharmacy Research Sharing
- Experience in CUHK Life
- Opportunities to Meet with Pharmacy Professors



### ELIGIBILITY

Final Year Undergraduates & Postgraduates in Science Stream

- Biochemistry
- Biomedical Engineering
- Chinese Medicine
- Medicine
- Pharmacy
- Pharmaceutical Sciences
- Public Health, etc.

Part B: 13 July (Wed) 2:00PM - 6:00PM & 14 July (Thu) 9:00AM - 1:00PM

## Workshop on Population Pharmacokinetics with NONMEM



ALL ARE WELCOME

### Topic Highlights & Speakers

#### THE CHINESE UNIVERSITY OF HONG KONG (CUHK)



#### PROF. XIAOYU YAN

ASSISTANT PROFESSOR  
SCHOOL OF PHARMACY, CUHK

#### TOPIC

APPLICATION OF POPULATION PHARMACOKINETIC MODELING IN CLINICAL DRUG DEVELOPMENT



#### DR. TEDDY LAM

ASSOCIATE DIRECTOR  
SCHOOL OF PHARMACY, CUHK

#### TOPIC

BAYESIAN DOSE PERSONALIZATION APPLICATION FOR VANCOMYCIN

#### CHINA PHARMACEUTICAL UNIVERSITY



#### PROF. HUA HE

PH.D. ASSOCIATE PROFESSOR  
SCHOOL OF PHARMACY, CHINA PHARMACEUTICAL UNIVERSITY

#### TOPIC

APPLICATION OF POPULATION PHARMACOKINETIC MODELING IN TRANSLATIONAL DRUG RESEARCH

#### FUDAN UNIVERSITY



#### PROF. XIAO ZHU

PH.D. ASSOCIATE PROFESSOR  
SCHOOL OF PHARMACY, FUDAN UNIVERSITY

#### TOPIC

IDENTIFYING A THERAPEUTIC TARGET FOR VANCOMYCIN AGAINST STAPHYLOCOCCI IN YOUNG INFANTS

#### SICHUAN UNIVERSITY



#### PROF. ZHENLEI WANG

PH.D. ASSOCIATE PROFESSOR  
WEST CHINA HOSPITAL, SICHUAN UNIVERSITY

#### TOPIC

POPULATION PHARMACOKINETICS OF DONAFENIB, A DEUTERIUM DERIVATIVE OF SORAFENIB, IN PATIENTS WITH HEPATOCELLULAR CARCINOMA

 Registration  
<https://bit.ly/CUHKworkshop22>



 Rundown  
<https://bit.ly/CUHKrundown22>



 Enquiry  
[sop.med@pharmacy.cuhk.edu.hk](mailto:sop.med@pharmacy.cuhk.edu.hk)

 Follow us  
[@cuhkpharmacy](https://www.instagram.com/cuhkpharmacy)



# CUHK PHARMACY ONLINE SUMMER WORKSHOP - Programme Rundown



## Part A: Introduction of Pharmacy Research Postgraduate Programmes (RPg) & HKPFS Scheme

13 July (Wed)

9:15AM - 12:45PM

Moderator: Mr. Qianbo SONG (PhD Student, School of Pharmacy, CUHK)

Time	Topic	Presenter
09:15 – 09:35 <i>20 minutes</i>	<b>Opening Remarks</b> Introducing the School of Pharmacy	<b>Prof. Joan ZUO</b> Director and Professor School of Pharmacy, CUHK
09:35 – 11:55 <i>15 minutes presentation and 5 minutes Q&amp;A for each</i>	<b>Presentation by Individual Professors</b> <ul style="list-style-type: none"> <li>Prof. Joyce YOU, Professor, School of Pharmacy, CUHK</li> <li>Prof. Yin-ting CHEUNG, Assistant Professor, School of Pharmacy, CUHK</li> <li>Prof. Sharon LEUNG, Assistant Professor, School of Pharmacy, CUHK</li> <li>Prof. Billy NG, Assistant Professor, School of Pharmacy, CUHK</li> <li>Prof. Xiaoyu YAN, Assistant Professor, School of Pharmacy, CUHK</li> <li>Prof. Joan ZUO, Director and Professor School of Pharmacy, CUHK</li> <li>Prof. Kenneth TO, Associate Director, School of Pharmacy, CUHK</li> </ul>	<b>CUHK Pharmacy Professors</b>
11:55 – 12:25 <i>30 minutes</i>	<b>Study at CUHK &amp; HKPFS Scheme</b> Highlight: <ul style="list-style-type: none"> <li>Introducing Pharmacy Research Postgraduate Programmes</li> <li>HKPFS, Studentships, Travel Grants &amp; Scholarships</li> <li>Overseas Conferences</li> <li>Admission Procedure</li> <li>Q &amp; A Session</li> <li>Sharing by HKPFS Awardee (Mr. Subhankar MUKHOPADHYAY)</li> </ul>	<b>Prof. Kenneth TO</b> Graduate Division Head Associate Director School of Pharmacy, CUHK  <b>Mr. Subhankar MUKHOPADHYAY</b> (PhD Student, School of Pharmacy, CUHK) HKPFS Awardee
12:25 – 12:45 <i>20 minutes</i>	<b>Pharmacy Postgraduate Student Sharing</b> AAPS-CUHK Student Chapter	<b>Mr. Pengfei ZHANG</b> (PhD Student, School of Pharmacy, CUHK) Chairperson, AAPS-CUHK Student Chapter
12:45 – 14:00	<b>Lunch Break</b>	

## Part B: Workshop on Population Pharmacokinetics with NONMEM

13 July (Wed)

2:00PM - 6:00PM

Moderator: Prof. Xiaoyu YAN (Assistant Professor, School of Pharmacy, CUHK)

Time	Topic	Presenter
14:00 – 14:05	<b>Opening Remarks</b>	<b>Prof. Xiaoyu YAN</b> Assistant Professor School of Pharmacy, CUHK
14:05 – 15:05*	<b>Theory for popPK Analysis</b>	<b>Dr. Teddy LAM</b> Associate Director School of Pharmacy, CUHK
15:05 – 16:05*	<b>Control Stream</b>	<b>Prof. Hua HE</b> Ph.D, Associate professor School of Pharmacy, China Pharmaceutical University
16:05 – 17:05*	<b>Dataset Structure</b>	<b>Prof. Xiao ZHU</b> Ph.D, Associate Professor School of Pharmacy, Fudan University
17:05 – 18:00*	<b>Exploratory Data Analysis and NONMEM Hands-on #</b>	<b>Prof. Xiaoyu YAN</b> Assistant Professor School of Pharmacy, CUHK

14 July (Thu)

9:00AM - 1:00PM

09:00 – 10:00*	<b>Running NONMEM, Interpreting Output</b>	<b>Prof. Zhenlei WANG</b> Ph.D, Associate Professor West China Hospital, Sichuan University
10:00 – 11:00*	<b>Model Diagnostics, Covariate Analysis, and NONMEM Hands-on #</b>	<b>Prof. Xiaoyu YAN</b> Assistant Professor School of Pharmacy, CUHK
11:00 – 12:55	<b>Population Pharmacokinetics Applications</b> <ul style="list-style-type: none"> <li>Case presentation by individual speakers (20 minutes each including 5 minutes Q&amp;A plus 10 minutes break)</li> </ul>	<b>Dr. Teddy LAM &amp; Dr. Matthew HUI, Prof. Zhenlei WANG, Prof. Hua HE, Prof. Xiao ZHU, Prof. Xiaoyu YAN</b>
12:55 – 13:00	<b>Closing Remarks</b>	<b>Prof. Xiaoyu YAN</b> Assistant Professor School of Pharmacy, CUHK

\* Each lecture lasts around 45 minutes followed by a 15 minutes Q&A and break.

# A temporary NONMEM license will be provided for the NONMEM hands-on section.