

GastroPlus®

PBPK Modeling & Simulation Workshop: Guiding Pharmaceutical Development Strategies

July 1-2 at Chungnam National University

How will the workshop operate?

GastroPlus software training is best done in an environment where each person operates the program and takes an active part in running simulations along with the instructor. As much as possible, the training uses PowerPoint® slides to introduce software features. Once a feature is discussed, trainees then use it on their individual computers to see how it works.

All presentation files and data sets needed to run case studies will be available in electronic format. All attendees will be responsible for bringing their own laptop computers, with GastroPlus installed prior to the course. Continental breakfast, refreshment breaks, and lunch will be provided each day.

What will you learn?

This 2-day hands-on course will provide an in-depth knowledge of the theories and application of state-of-the-art simulation and modeling software as it applies to problems facing pharmaceutical scientists dealing with drug product effects on dissolution, absorption and pharmacokinetics. Focus will be placed on applications of this technology as it relates to issues defined in the FDA's Critical Path Initiative.

Day One Schedule

8:30 AM: Welcome and an overview of the GastroPlus modeling platform

8:45 AM: Machine learning/PBPK modeling integration – defining inputs through chemical structures and *in silico* F% simulations to drive lead optimization

10:00 AM: Break

10:15 AM: Basics behind dissolution & passive absorption modeling (particle size distributions, Z-factor options, the ACAT model)

12:00 PM: Lunch

1:00 PM: Basics behind dissolution & passive absorption modeling (particle size distributions, Z-factor options, the ACAT model) (continued)

3:00 PM: Break

3:15 PM: Systemic PK modeling (clearance-based IVIVE, FIH oral predictions, parameter sensitivity analysis)

5:00 PM: Adjourn

Day Two Schedule

8:30 AM: Systemic PK modeling (clearance-based IVIVE, FIH oral predictions, parameter sensitivity analysis) (continued)

10:00 AM: Break

10:15 AM: Food effect modeling

12:00 PM: Lunch

1:00 PM: Mechanistic *in vitro-in vivo* correlations (IVIVC)

3:00 PM: Break

3:15 PM: Mechanistic IVIVCs and virtual bioequivalence (BE) trial simulations

5:00 PM: Adjourn

Where will this be held?

College of Pharmacy, Chungnam National University

Sam-Nam Hall, 1st Floor, Daejeon, South Korea

Contact: Ms. Eun Joo Lee

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Register online! www.simulations-plus.com/workshops

REGISTRATION FORM

Attendance is limited • Please register by June 24, 2019

Please fill in this form and return to Renee Bouche (renee@simulations-plus.com); Fax: +1-661-723-5524
To register by phone, please call Renee at +1-661-723-7723 ext. 227

The GastroPlus Workshop: Guiding Pharmaceutical Development Strategies July 1-2, 2019, Chungnam National University

Title: Professor Dr. Mr. Mrs. Miss Ms.

First name:

Last name:

Company:

Position:

Department:

Address:

Telephone:

Email:

Purchase Order No. (if applicable):

Cost for the workshop is 650,000 KRW (industry) and 325,000 KRW (academic). Price includes all workshop materials, continental breakfast, refreshment breaks, and lunch each day. A training license will be granted to all paid attendees. The training license will begin on the last day of the workshop and expire 30 days later.

Hotel accommodation is not included with registration.

Method of payment (Please check one)

Credit card (a confirmation message will be sent to the email address provided)

Name on card:

Email:

Tel:

Card billing address:

Zip/Post Code:

Type of card: Visa MasterCard AMEX Card Number:

Expires:

Security code:

Payment by check (you will be invoiced upon receipt of your completed registration form)

Payment by wire transfer (you will receive wire transfer information upon receipt of your completed registration form)

Payment online (you will be redirected to the payment portal when registering online at simulations-plus.com/workshops)

Terms and Conditions

Cancellation Policy: Cancellations made prior to June 24, 2019, will be eligible for an 80% refund. Refunds for cancellations will be honored up to 45 days after the date of payment for credit card transactions. Substitutions are allowed up to 10 days before the event.

Payment Terms: Following completion and return of the registration form, the total fee must be paid within 30 days of receipt of invoice. All fees must be paid in full prior to the start of the workshop.