Advanced **GastroPlus**®
DMPK & Clinical Pharmacology Workshop

September 26 - 27, 2019 in Mainz, Germany

Who should attend?

This is an **advanced** course – a prerequisite is familiarity with setting up and running basic GastroPlus simulations, including database & support file structures, basic inputs for physicochemical & pharmacokinetic parameters, and basic physiology options for human & animal simulations.

This course was designed for scientists working in:
- Preclinical pharmacokinetics & pharmacodynamics
- Clinical pharmacokinetics & pharmacodynamics

Past GastroPlus workshop attendees have commented that the interaction & networking among industry, government, and academic scientists is an important and valuable part of the experience!

What will you learn?

- screening small compound libraries for absorption (transcellular & paracellular) from chemical structure and *in vitro* data.
- recognizing when to use PBPK vs. standard compartmental PK models
- predicting first-in-human doses with available preclinical and *in vitro* data (IVIVE)
- understanding interactive processes of absorption (passive and carrier-mediated), metabolism in the gut and other tissues and whole-body distribution
- PBPK/PD – linking tissue concentrations to an efficacy and safety

You should also be able to communicate readily with the groups that produce both preclinical and clinical data to express your data needs as well as present your results clearly to project leaders and management.

You will gain basic experience with:
- recognizing when to use PBPK vs. standard compartmental PK models
- tracking parent and metabolite concentrations through multiple pathways, in plasma and tissues

How will the workshop operate?

Laptop computers will be provided with GastroPlus preloaded along with all data files needed to run the case studies. Continental breakfast, snack breaks, and lunch will be provided each day.

Where will this be held?

Johannes Gutenberg University Mainz
Building 1430 Anthropologie
Anselm-Franz-von-Bentzel-Weg 7, Room 00 101
55099 Mainz, Germany

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

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REGISTRATION FORM

Attendance is limited. Registration will close September 16, 2019, <u>or when the workshop reaches capacity</u>.

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 Advanced GastroPlus DMPK and Clinical Pharmacology Workshop
September 26 - 27, 2019 in Mainz, Germany

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 USD $1,500 per person (industry) and USD $750 (government/academic/nonprofit) and 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 accommodations are not included.

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 September 16, 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.

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