

2-Day Introductory Course

November 15th-16th, 2022



This is a beginner's course for clinicians, pharmaceutical/biotechnology scientists, and engineers in the areas of toxicology, clinical pharmacology, pharmacovigilance, DMPK and ADME - prior experience with DILIsym is not required. The course will use DILIsym X, the newest and most advanced release of DILIsym, but many of the guiding principles will be taught in a software-independent manner. Class size is limited to encourage interaction with the course instructors and among attendees. Virtual networking among industry, government, and academic scientists is part of the experience!

What will you learn?

You will understand the following important aspects of liver safety investigation:

- · concepts accepted by regulators related to drug-induced liver injury (DILI) monitoring and detection
- primary mechanisms, (e.g., mitochondrial dysfunction, ROS, bile acids, and lipotox) often involved in DILI events
- in vitro assay design and execution for DILI-related mechanisms
- pharmacokinetics, including prediction of liver concentrations using GastroPlus® and how this impacts DILI predictions (note that a separate GastroPlus workshop is recommended for detailed PBPK training)

You will gain basic experience with:

- translating in vitro data into DILIsym parameter values, including the use of automated optimization
- simulating expected DILI outcomes for humans, rats, mice, and dogs
- utilizing simulated populations (SimPops®) to predict infrequent events in a diverse patient population

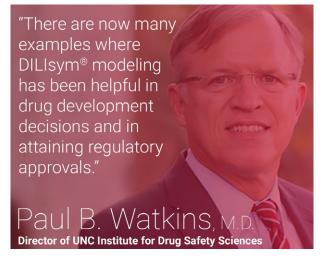
How will the workshop operate?

This workshop will be entirely virtual. Attendees will be responsible for acquiring/using their own computers to log on. The workshop will start at 9 AM ET both days and conclude at 4:30 PM ET. Mid-morning and mid-afternoon breaks will be taken, and a break will be taken for lunch from approximately Noon ET to 1 PM ET. All attendees will follow the same track. Log-in information will be sent out to all registered attendees in advance of the course, along with course materials.

Day 1 – 'DILIsym Introduction,' including DILI and QST overview, software overview, introduction to mechanisms included in DILIsym and associated assays, and interaction of DILI mechanisms. SimPops and optimization may also be covered if time allows.

Day 2 – 'Focus on Application of DILIsym to Evaluate Compounds,' including workflow, SimPops, how to use Specified Data to input PK information from GastroPlus, step-by-step parameter derivation examples, and a live, hands-on compound example exercise. Optimization may also be covered if time allows.

Attendance is limited Please register by November 8th, 2022



FREE - DILI-sim member and/or DILIsym license holder from industry

FREE - Academic or government

\$600 - Non-members and non-license holders from industry Cost for the workshop includes all workshop materials.

Terms and Conditions

Cancellation Policy: Cancellations made prior to November 8th, 2022, 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.



