IS IPFsym®

Introductory Course

September 28, 2021

Who should attend?

This is a beginner's course for mechanistic modelers, pharmacologists, clinicians, pharmaceutical/biotechnology scientists, and engineers in the specific area of clinical and quantitative systems pharmacology (QSP) for **idiopathic pulmonary fibrosis (IPF)**. Prior experience with IPFsym is not required. The course will focus on IPFsym v1A, 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 IPF:
- key components of IPF pathophysiology, including lung fibrosis, alveolar epithelial injury, and inflammation
- examples of targets represented for *in silico* evaluation
- patient heterogeneity that makes IPF particularly challenging to develop effective treatments
- important biomarkers and bio-signatures used by developers and regulators to assess treatment efficacy and safety, including lung function tests
- common mechanistic clinical study designs used for testing drug candidates
- disease progression

You will gain basic experience with:
- translating pre-clinical and clinical data into IPFsym parameter values, including the use of sensitivity analyses
- simulating expected treatment outcomes for simulated IPF patients at various stages of the disease
- validation and support for existing IPF simulated populations (SimPops) included in the software
- stratification of simulated populations to address a planned or possible clinical study

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 8:30 AM ET and conclude at 5 PM ET. Mid-morning and mid-afternoon breaks will be taken, and a break will be taken for lunch from 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.

Agenda by Topic – 'IPFsym Introduction and Applications,' including IPF overview, software overview, introduction to pathophysiologies included in IPFsym v1A and associated SimPops validation, and included biomarkers. The general workflow for using the software from start to finish will be discussed, alongside an example compound simulation exercise.

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

DILIsymServices
S+ A SIMULATIONS PLUS COMPANY

Please fill in this form and return to Brett Howell (bhowell@DILIsym.com);
To register by phone, please call Brett at +1-704-202-1455

The IPFsym Introductory Course
September 28, 2021

IPFsym license holder from industry
Academic or government
Non-license holders from industry

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

First name:

Last name: **Company:**

Position: **Department:**

Address:

Telephone: **Email:**

Purchase Order No. (if applicable):

FREE - IPFsym license holder from industry
FREE - Academic or government
$300 - Non-license holders from industry

Cost for the workshop includes all workshop materials.

Method of payment (Please check one)

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

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

Terms and Conditions
Cancellation Policy: Cancellations made prior to September 20, 2021, 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.

S+ SimulationsPlus
SCIENCE + SOFTWARE = SUCCESS

42505 10th Street West • Lancaster, CA 93534 • USA • Phone: +1-661-723-7723
Fax: +1-661-723-5524 • Email: info@simulations-plus.com • NASDAQ: SLP