Modeling Delays in Pharmacokinetics and Pharmacodynamics

Presenters: Wojciech Krzyzinski, Gilbert Koch, Johannes Schropp

October 15, 2017

A one day workshop on **Modeling Delays in Pharmacokinetics and Pharmacodynamics** will be presented by Wojciech Krzyzanski (University at Buffalo), Gilbert Koch (University of Basel, Children’s Hospital), and Johannes Schropp (University of Konstanz). The course will provide an overview of biological systems exhibiting delays, concepts of lifespan driven pharmacodynamic response, modeling of cell maturation, and nonlinear mixed effect lifespan models. **Delay differential equations (DDEs) will be introduced and implemented in R.** The course will consist of both lectures and hands-on computer exercises. Source codes for DDE based PK/PD models and data will be provided to the participants. Contact wk@buffalo.edu or visit our website [https://sites.google.com/site/delaysinpkpd/workshops-2014/acop8-2017-fort-lauderdale-fl-usa](https://sites.google.com/site/delaysinpkpd/workshops-2014/acop8-2017-fort-lauderdale-fl-usa)

Cost: $175 Students/$400 Academia/Government/$700 Regular fee