

Course: Theoretical and Practical Aspects of the Pharmacokinetic-Pharmacodynamic Modeling using a Specific Software (30 hours -2 credits)

Dates: 21st to 24th of August 2017

Location: Faculty of Pharmacy – Federal University of Rio Grande do Norte

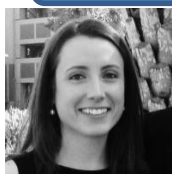
Course objective: to learn modeling skills in the context of drug discovery and development. The course will include:

- An introduction to Drug Discovery and Development in the Pharmaceutical Industry
- A Review of Pharmacokinetic Concepts
- Non-compartmental, compartmental and population pharmacokinetic analysis applied to the pharmaceutical industry
- An introduction to pharmacokinetic–pharmacodynamic analysis

UFRN responsible professor: Prof. Dr. Eryvaldo Socrates Tabosa do Egito

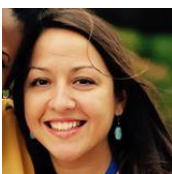
★ **Classes will be taught in English** ★

Course Lecturers:



Aline B. Barth, PhD

Dr. Barth is a Clinical Pharmacologist at GlaxoSmithKline (GSK) with experience in infectious diseases and neurosciences. Dr. Barth obtained her PhD at the University of Florida where she worked on PK/PD modeling of anti-infective agents. Dr. Barth concluded both master's degree in Quality Control and bachelor's degree in Pharmacy at UFRGS.



Christina L. Mayer, PharmD

Dr. Mayer is an oncology Clinical Pharmacology lead at Janssen Pharmaceuticals (Johnson & Johnson). Dr. Mayer concluded her postdoc fellowship in Clinical PK/PD at a dual program with GSK and the University of North Carolina (UNC), where she also obtained her PharmD degree. Dr. Mayer has a bachelor's degree of Science in Biology from the Boston College.



Francine J. Azeredo, PhD

Dr. Azeredo is an Adjunct Professor and Chief of Drug Department at UFBA. Dr. Azeredo obtained her PhD from UFRGS with part of her research conducted at the University of Florida. Following her graduation, she was a short-term professor at UFRGS and a postdoc fellow at UFRN. In addition, Dr. Azeredo has a bachelor's degree in Pharmacy from UFRGS.



Hartmut Derendorf, PhD

Dr. Derendorf is the Chair and Distinguished Professor of Pharmaceutics at the University of Florida. He has supervised more than 40 PhD students and published more than 400 scientific publications, as well as given more than 750 presentations at national or international meetings. He has published six textbooks, in addition to being the editor or associate editor of four scientific journals and serving on the editorial board of five others.

Enrollment

To enroll in the course, please send an e-mail to Francine.azeredo@ufba.br by August 18th 2017. The course is free of charge and the number of seats will be limited to 15 due to the hands-on aspect of the class.

Requirement: To bring a portable computer for the hands-on classes.