

# I Brazilian Symposium

## Modeling and Simulation in Pharmaceutical Sciences

2019 November 04 - 05<sup>th</sup>



ANVISA headquarter in Brasília, Brazil - SIA Trecho 5, Guar, Braslia - DF, 71205-050

### Program

#### November 04<sup>th</sup>

**08h30**

Welcome

**9h00**

Opening session

**9h30**

Development of drugs and formulations through modeling – MID3.

➤ Dr. Oscar Della Pasqua

**11h00**

Modeling and Simulation to Streamline Drug Development – Examples from Earth and Space.

➤ Prof. Emeritus H. Derendorf

**12h00**

Lunch

**13h30**

Population Pharmacokinetics.

➤ Dr. Inaki Troconiz

**14h30**

Combining forces in drug development and regulatory decision making: the time has come.

➤ Dr. Stephan Schimdt

**15h30**

Break

**16h00**

Application of MID3 in the development and approval of new molecules – Role of quantitative systems pharmacology (QSP).

➤ Dr. Oscar Della Pasqua

### Program

#### November 05<sup>th</sup>

**08h30**

Welcome

**9h00**

Basic Concepts in Physiologically Based Pharmacokinetic Modeling in Drug Discovery and Development.

➤ Dr. Rodrigo Cristofolletti

**10h00**

Application of IVIVE-PBPK in the development of new formulations .

➤ Dr. Nael Mostafa

**11h00**

Application of IVIVE-PBPK in the investigation of pharmacokinetic interactions (DDI) and extrapolation in special populations .

➤ Dr. Nael Mostafa

**12h00**

Lunch

**13h30**

Application of PKPD modeling.

➤ Dr. Lokesh Jain

**14h30**

Application of MID3 in the pharmaceutical field

➤ Dr. Joy C. Hsu

**15h30**

Application of population pharmacokinetic in the pharmaceutical field – optimization of posology in special populations .

➤ Dr. Nael Mostafa and Dr. Joy C. Hsu

**16h30**

Closure

**RSVP:**

[medicamento.assessoria@anvisa.gov.br](mailto:medicamento.assessoria@anvisa.gov.br)

### Partnership:

