

*Language:* English

*Symposium fees:*

AFPT-Le Club Phase 1 member fees  
(2019 membership): **200 €**

Non-member fees: **300 €**

Academic student: **150 €**

*Registration:*

Required before: **March 15, 2019**

Registration form online on:

<https://clubphase1.com>

<https://www.linscription.com/activite.php?P1=15722>

**Limited number of seats!**

If you have any questions, please  
email us at [leclubphase1@gmail.com](mailto:leclubphase1@gmail.com)

*Location:*

Maison de la Chimie  
28, rue Saint Dominique  
75007 PARIS - France  
Phone : (+33)1 40 62 27 00



*Access:*

RER: Line C, Invalides Station  
Subway: Lines 8, 12 et 13, Assemblée  
Nationale, Solférino or Invalides Stations  
Bus: Lines 63, 69, 73, 83, 84 and 94



*Suggested accommodations:*

Saint Dominique Hotel  
62, rue Saint Dominique

Best Western Tour Eiffel Invalides  
35, boulevard de la Tour Maubourg

Hôtel de Varenne  
44, rue de Bourgogne

Booking directly with the hotel

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*with the support of*



&



*present*

**PBPK SYMPOSIUM 2019**

**PARIS - APRIL 4, 2019**

*ACT 3*

*Physiologically Based  
Pharmacokinetic modelling (PBPK):  
A new Paradigm in Drug Development*

*sponsored by*  **GENOPOLE**  
VIVRE L'INNOVATION

# PROGRAM

## SESSION 1: Diverse Clinical Development Applications in Big Pharma

*Chairs: Henri Caplain (AFPT - Le Club Phase 1) -  
Jean-Louis Pinquier (AFPT - Le Club Phase 1)*

- 8:30 AM - 9:00 AM ● Welcome coffee/tea
- 9:00 AM - 9:40 AM ● Mechanistic Oral Absorption Modelling  
an update on cross-industry activities  
Neil Parrott,  
Modelling & Simulation Scientist,  
Roche Innovation Center Basel
- 9:40 AM - 10:00 AM ● Developmental changes in drug  
disposition and responses: the challenges  
Jean-Marie Nicolas,  
Director PK/PD, Development Science Dpt,  
UCB Biopharma SPRL
- 10:00 AM - 10:30 AM ● Break
- 10:30 AM - 11:40 AM ● F.I.H 4 F.I.H: Faith in Holistic  
modelling for First-in-Human PK  
Neil Miller,  
DMPK Investigator-PBPK Leader,  
GSK
- 11:40 AM - 12:00 PM ● Physiological Based Absorption  
Modelling in industrial practice.  
Current applications  
and a vision for the future  
Xavier Pepin,  
Principal Scientist,  
Astrazeneca
- 12:00 PM - 12:05 PM ● Questions & Answers

## SESSION 2: Early discovery (ADMET-PBPK), UGT metabolism

*Chairs: Neil Parrott (Roche) -  
Jérémy Perrier (PhinC D.)*

- 12:05 PM - 12:45 PM ● Age-dependent variations in activity  
of hepatic UGT enzymes: Application  
to PBPK modelling  
Justine Badee,  
Post-doctoral Associate,  
Roche/University of Florida
- 12:45 PM - 2:00 PM ● Lunch
- 2:00 PM - 2:40 PM ● Challenges of transporter IVIVE:  
a digoxin example  
Maily De Sousa Mendes,  
PhD, Research Scientist,  
Simcyp
- 2:40 PM - 3:00 PM ● Discovery PBPK: Efficiently using  
machine learning & PBPK  
modeling to drive lead selection  
& optimization  
Viera Lukacova,  
Director, Simulation Sciences,  
Simulations Plus
- 3:00 PM - 3:05 PM ● Questions & Answers

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## SESSION 3: PBPK in special populations: Pediatric and pregnancy models

*Chairs: Florence GATTACCECA (Aix-Marseille  
Université) - Benjamin Dupont (PhinC D.)*

- 3:05 PM - 3:45 PM ● Analysis of UGT activity changes  
during pregnancy through PBPK  
modeling  
Andre Dallmann,  
Scientist Systems Pharmacology,  
Bayer
- 3:45 PM - 4:25 PM ● Paediatric and Pregnancy PBPK/PD  
Modelling: Clinical and Drug  
Development Applications  
Trevor Johnson,  
Principal Scientist,  
Simcyp
- 4:25 PM - 4:45 PM ● Break
- 4:45 PM - 5:25 PM ● The finalised EMA guideline and  
latest experience of PBPK models  
in Regulatory submissions  
Paola Coppola,  
MHRA
- 5:25 PM - 5:30 PM ● Questions & Answers
- 5:30 PM - 6:00 PM ● Closing Remarks