KU LEUVEN | TRAINING

KATHOLIEKE UNIVERSITEIT LEUVEN

PBPK modelling for quantitative in vitro-in vivo extrapolation

co-organized by ALTERTOX academy

THURSDAY 4TH - FRIDAY 5TH OCTOBER 2018
hosted by KU - Leuven – Belgium

DAY 1

08:30-09:00	Arrival, registration and coffee		
09:00 - 09:15	Introduction	**Altertox Academy overview**	Adina Tenie Altertox Academy
09:15 - 09:45	Lecture / Webinar	**General Introduction to PBPK models**	Pieter Annaert – KU Leuven
09:45 - 10:15	Lecture / Webinar	**PBPK modelling equations, model input and software**	Ans Punt - Wageningen University & Research
10:15 - 10:45	Lecture / Webinar	**Use of PBPK modelling in regulatory context –chemicals + pharmaceuticals**	Alicia Paini - JRC
10:45 - 11:15	Coffee Break		
11:15 - 11:45	Lecture / Webinar	**Use of PBPK modelling in industry context**	TBC
11:45 - 12:15	Lecture / Webinar	**PBPK modelling to predict special populations and drug-drug interactions**	Ciarán Fisher - Certara
12:15 - 13:15	Lunch		
13:15 - 15:15	Hands-on Training	**Hands-on prediction of partition coefficients**	Pieter Annaert – KU Leuven and Ans Punt - Wageningen University & Research
15:15 - 15:45	Coffee Break		
15:45 - 17:45	Hands-on Training	**2 Case studies on good quality in vitro kinetic data**	Pieter Annaert – KU Leuven and Ans Punt - Wageningen University & Research
19:00	Social Dinner		TBC

DAY 2

08:30-08:30	Arrival, coffee		
08:30-10:00	Hands-on Training	**Inclusion of the partition coefficients and metabolic clearance data from the day before in the PBPK model in Berkeley Madonna, evaluation of the model performance and use of the model for QIVIVE of toxicity data. – Part 1**	Pieter Annaert – KU Leuven and Ans Punt - Wageningen University & Research
10:00 – 10:30	Coffee Break		
10:30 - 12:00	Hands-on Training	**Inclusion of the partition coefficients and metabolic clearance data from the day before in the PBPK model in Berkeley Madonna, evaluation of the model performance and use of the model for QIVIVE of toxicity data. – Part 2**	Pieter Annaert – KU Leuven and Ans Punt - Wageningen University & Research
12:00 - 13:00	Lunch		
13:00 - 15:30	Hands-on Training	**Inclusion of the data in Simcyp and comparison with the outcomes of Berkeley Madonna.**	Pieter Annaert – KU Leuven and Ans Punt - Wageningen University & Research
15:30 - 16:00	Coffee break		
16:00 - 17:00	Training IRL applications	**Drug-drug interaction Population (DNT)**	Pieter Annaert – KU Leuven and Ans Punt - Wageningen University & Research
17:00 - 17:45	Group Discussion	**Q&A**	All Speakers
17:45 - 18:00	Diplomas and closing		

PRACTICAL INFO

KU LEUVEN - ADDRESS:

Herestraat 49,
3000 Leuven, Belgium
Faculty of Pharmaceutical Sciences
Campus GHB - Building O&N 2

HOW TO GET TO KU LEUVEN:

There are multiple trains from Brussels Schuman, Brussels Central and Brussels Nord train stations to Leuven train station every day. From the Leuven train station there are multiple buses such as Bus no. 3, Bus no. 600, Bus no. 410 etc., that can bring you to the KU Leuven GHB campus. Look for any of those buses exit the bus either at the Leuven Gasthuisberg Campus bus stop or Leuven Gasthuisberg Kliniek Perron bus stop from where you can walk to the Faculty of Pharmaceutical Sciences - Campus GHB (Building O&N 2).

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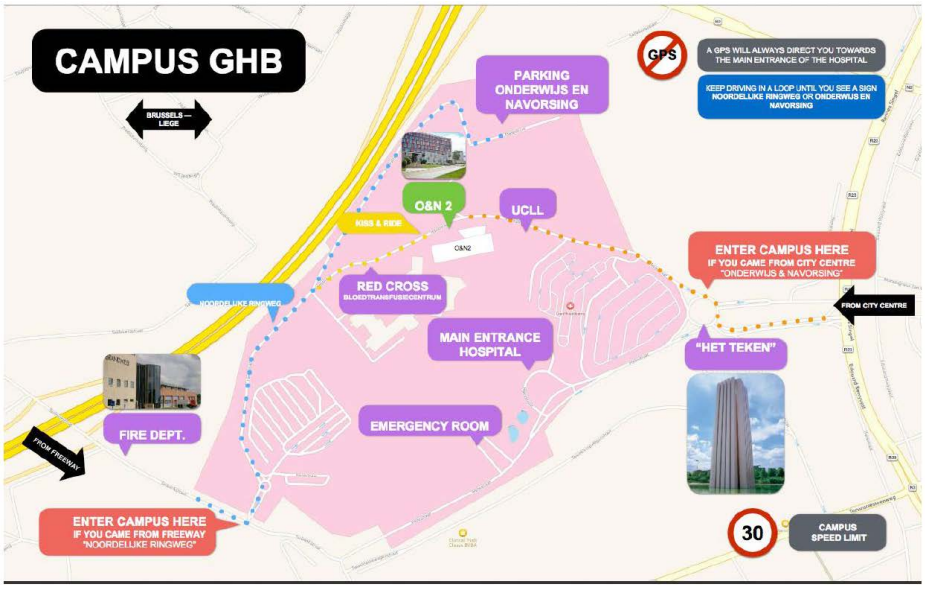
MAP OF KU LEUVEN:



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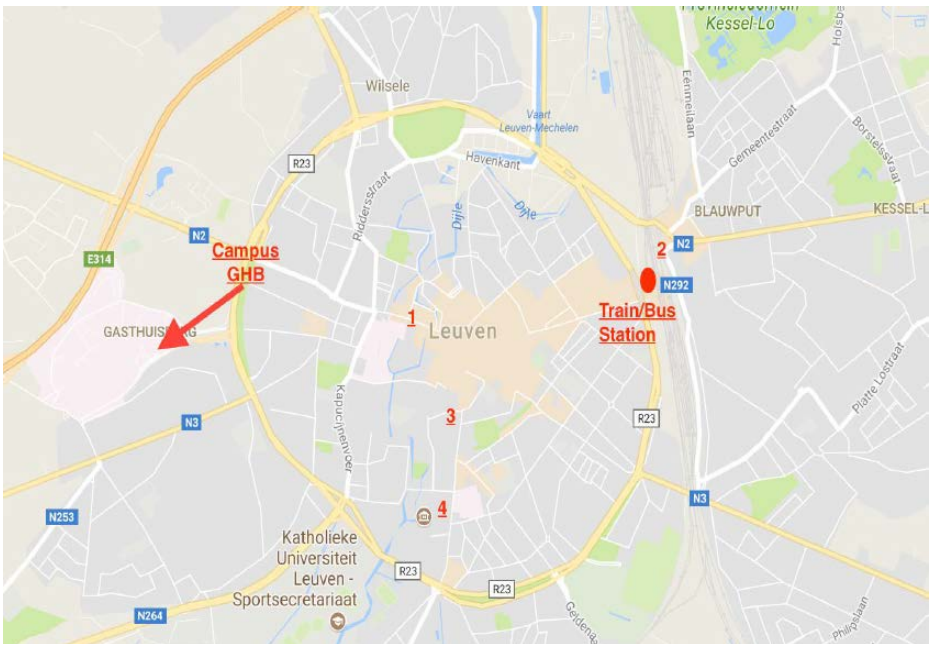

RECOMMENDED HOTELS (CF.MAP) :

1. Ibis
Brusselsestraat 52, 3000, Leuven, Belgium

2. Ibis (option 2)
Martelarenlaan 10, 3010, Leuven, Belgium

3. Hôtel New Damshire
Schapenstraat 1, 3000, Leuven, Belgium

4. Begijnhof Hotel, Leuven
Groot Begijnhof 1, 3000, Leuven