

WAGENINGEN FOOD SAFETY RESEARCH | TRAINING



PBPK modelling and quantitative *in vitro-in vivo* extrapolations



THURSDAY 3RD - FRIDAY 4TH OF OCTOBER 2019
hosted by WAGENINGEN Food Safety Research
Wageningen, NETHERLANDS

DAY 1 THURSDAY OCTOBER 3RD

08:30 - 09:00	Arrival, Registration and Coffee		
09:00 - 09:15	Introduction	Alterttox Academy	Nathalie Belot Alterttox Academy
09:15 - 09:45	Lecture	Introduction to PBPK modelling: equations, model input and software	Ans Punt Wageningen Food Safety Research
09:45 - 10:15	Lecture	Use of PBPK modelling in alternatives to animal testing	Ivonne Rietjens Wageningen University
10:15 - 10:45	Lecture	Accounting for the freely available fraction in QIVIVE	Nynke Kramer IRAS Utrecht University
10:45 - 11:15	Coffee Break		
11:15 - 11:45	Lecture	Use of PBPK modelling in pharmaceutical industry	Pieter Annaert KUL
11:45 - 12:15	Lecture	Use of PBPK modelling to predict special populations and drug-drug interactions with SimCyp	Ciaran Fisher SimCyp
12:15 - 12:45	Lecture	Physiologically Based Kinetic modelling for policy support: Experiences, challenges and the way forward	Alicia Paini JRC
12:45 - 13:45	Lunch		
13:45 - 15:15	Hands-on Training	<i>In vitro</i> metabolism studies	Ans Punt and Jochem Louisse Wageningen Food Safety Research

...



<http://academy.alterttox.be>

15:15 - 15:45	Coffee Break		
15:45 - 17:45	Hands-on Training	Hands-on prediction of partition coefficients and integration of the <i>in vitro</i> kinetic data in a PBPK model with Berkeley Madonna.	Ans Punt and Jochem Louisse Wageningen Food Safety Research
19:00	Social Dinner		

DAY 2 FRIDAY OCTOBER 4TH

08:00 - 08:30	Arrival, coffee		
08:30 - 10:00	Hands-on Training	Use of the online WFSR QIVIVE tool to extrapolate <i>in vitro</i> effective concentrations to <i>in vivo</i> dose-response information	Ans Punt and Jochem Louisse Wageningen Food Safety Research
10:00 - 10:30	Coffee Break		
10:30 - 12:00	Hands-on Training	PBPK model development with SimCyp	Ciaran Fisher SimCyp
12:00- 13:00	Lunch		
13:15 - 15:30	Hands-on Training	PBPK model development with SimCyp	Ciaran Fisher SimCyp
15:30 - 16:00	Coffee Break		
16:00 - 17:00	Hands-on Training IRL applications	PBPK model development with SimCyp	Ciaran Fisher SimCyp
17:00 -17:45	Group Discussion / Q&A		
17:45 - 18:00	Diplomas and closing		



DIRECTIONS:

Wageningen Campus
Facilitair Bedrijf Wageningen University & Research
Akkermaalsbos 12
Building 116
6708 WB Wageningen
The Netherlands

HOW TO GET TO WUR:

PUBLIC TRANSPORTATIONS

Most international visitors arrive at Schiphol Airport (Amsterdam). Follow the signs from the Schiphol Arrival Hall to the Railway Station: 'to the trains'. At the train station you can purchase a ticket to Ede-Wageningen from one of the yellow vending machines or at the NS Service Desk.

Trains depart from Schiphol Airport to Ede-Wageningen via Utrecht almost every 15 minutes. Take a direct train to Ede-Wageningen or take an intercity train from Schiphol to Utrecht. Once in Utrecht, switch to a train in the direction of Arnhem or Nijmegen. Your final stop is Ede-Wageningen. Travel time from Schiphol to Ede-Wageningen is approximately 60 to 75 minutes.

The Valleilijn bus (line 84 and 88) runs between Ede-Wageningen station and bus station in Wageningen and passes Wageningen Campus. During rush hour there is a bus every ten minutes, outside rush hour every quarter and in the late hours it is a half-hour service. For more information about live departures and arrivals at www.valleilijn.nl.

Bus line 84. From railway station Ede-Wageningen you can take line 84 (Syntus bus / Valleilijn) to Wageningen Campus. Which leaves every 15 minutes. Get off at bus stop 'Campus / Atlas' or at the center of the campus at bus stop 'Forum'. Bus stop 'Mondriaanlaan' is an option (eg for Vitea). Line 84 is not running on Saturdays and Sundays.

Bus line 88. From railway station Ede-Wageningen you can also take line 88 (Syntus bus / Valleilijn) to Wageningen. Which leaves every 15 minutes. Get off at bus stop 'Droevendaalsesteeg / Campus' for the main entrance of Wageningen Campus. You can also get off at bus stop 'Hoevestein' (eg for Leeuwenborch) or bus stop 'Bornsesteeg' (eg for Bongerd / Nexus / etc).

To Business & Science Park Wageningen (BSPW):

Bus line 86: From railway station Ede-Wageningen you can take line 86 to Wageningen. Get off at bus stop 'Ooststeeg'.

BY CAR

From Utrecht or Arnhem. Coming from Utrecht or Arnhem on the A12, take exit 24 and follow the road in the direction of Wageningen (N781) until you reach the roundabout. Turn right to arrive at the campus.

From Rhenen. From Rhenen, follow the ring road around the centre of Wageningen. At the last traffic light in Wageningen, turn left towards the A12. Follow the road until the roundabout and turn left to arrive at the campus.

From the A50 (Nijmegen-Den Bosch). Leave the A50 motorway at exit 19 (Renkum/Wageningen/Oosterbeek). Turn left at traffic lights and follow signs for Renkum/ Wageningen (N225). Continue straight ahead, following signs for Wageningen. This road turns into Ritzema Bosweg. In Wageningen, take the second exit at the roundabout (straight ahead) and continue along Ritzema Bosweg. Turn right at the first set of traffic lights onto Dienenweg (N781), following signs for Utrecht/Ede. At next two roundabouts take second exit (straight ahead), the road turns into Mansholtlaan (N781). Go straight at the next set of traffic lights and continue along Mansholtlaan (N781). At the next roundabout take the third exit (Droevendaalsesteeg).

RECOMMENDED HOTELS:

- ① Hof van Wageningen (2.5 km from the Campus, close to a bus station)
- ② Hotel De Nieuwe Wereld (2.1 km from the Campus, close to a bus station)
- ③ Hotel de Wereld (2.2 km from the Campus, close to a bus station)
- ④ Hotel de Wageningsche Berg (3.9 km from the Campus)¹
- ⑤ Hotel Nol in 't Bosch (4.8 km from the Campus)



CONTACT AT WUR :

Ans Punt
Phone: +31 (0)317481025
E-mail: ans.punt@wur.nl

CONTACT AT ALTERTOX ACADEMY:

Nathalie Belot
Phone: +32 474 52 39 45
E-mail: nathalie.belot@altertox.be