



PBPK MODELLING AND QUANTITATIVE IN VITRO IN VIVO EXTRAPOLATIONS

	Thu 29 April - Day 1	Fri 30 April - Day 2
CET time		
9.15 – 9.30 am	Welcome Altertox	Q&A interactive session N.Kramer & C.Fisher
9.30 to 10.00 am	Q&A interactive session I.Rietjens, A.Punt & J.Louisse	
10.00 – 10.15 am	<i>break</i>	
10.15 – 12.15 pm	“PBPK-model equations and input parameters, making use of www.qivivetools.wur.nl ” A.Punt & J.Louisse	“In vitro to in vivo extrapolation-linked PBPK modelling of bisphenol A using the Simcyp simulator” C.Fisher
12.15 – 1.15pm	<i>lunch break</i>	
1.15 – 2 pm	“Development of a PBPK model for bisphenol A in R and using the model to extrapolate in vitro toxicity data for bisphenol A to oral equivalent doses” A.Punt & J.Louisse	“Sensitivity-analysis and refinement of PBPK model for reverse dosimetry to predict bisphenol A oral equivalent doses ” C.Fisher
2 – 3 pm		
3 pm – 3.15pm	<i>break</i>	
3.15 – 4.15 pm	“Modelling in vitro biokinetics to interpret in vitro assay data based on nominal test concentrations ” C.Fisher	“Conversion of the PBPK model for bisphenol A to an analogous chemical” A.Punt & J.Louisse
4.15 – 5.15 pm		Q&A hands on training day1 & 2
5.15 – 5.45 pm		General discussion and closure -Open source vs. commercial tools? -Is IVIVE-PBPK modelling fit for NGRA?

■ Hands-on
 ■ Lecture