

## 培训日程及课程安排

日程	时间	课程	讲师
Program	Time	Courses	Trainer
第1天(Day1) 2019/11/06	上午(10:30-12:00) AM(10:30-12:00)	注册报到、领取培训材料 Registration, receiving training materials	
	下午(13:00-17:00) PM(13:00-17:00)	基于测试实例讲解Monolix Suite应用程序 Introduction to the applications of the MonolixSuite - Demo on a concrete test case	
	(13:00-13:20)	欢迎致辞 Welcome speech	Innovent Jonathan Chauvin
	(13:20-13:45)	关键的理论概念 Reminder on the key theoretical concepts	Geraldine CELLIERE
	(13:45-14:15)	基于Datxplore模块开展数据探索 Data exploration using Datxplore	
	(14:15-14:45)	基于Pkanalix模块开展非房室和房室模型分析 Non-compartmental (NCA) and compartmental (CA) analysis using PKanalix	
	(14:45-16:00)	基于Monolix模块开展参数估计及模型诊断 Parameter estimation and model diagnostic using Monolix	
		使用模型库, 宏或常微分方程进行模型定义 Model definition using the library, the macros or ODEs	
		多重任务/算法的描述 Description of the several tasks/algorithms	
	(16:00-16:15)	使用Mlxplore进行模型探索 Model exploration using Mlxplore	
	使用图形进行模型诊断和改进 Model diagnostic and improvement using the graphics		

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第1天(Day1) 2019/11/06	(16:15-17:00)	使用Simulx模拟先验剂量发现 Simulations for a priori dose finding using Simulx	Geraldine CELLIERE
	(13:50-14:00) (14:50-15:00) (15:50-16:00)	休息 Break	
第2天(Day2) 2019/11/07	上午(8:30-12:00) AM(8:30-12:00)	靶点介导的药物清除: TMDD concepts:	
	(8:30-9:00)	蛋白药物PK特征介绍 Introduction to the PK of therapeutic proteins	Geraldine CELLIERE
	(9:00-10:00)	TMDD建模概念介绍, 方程组表示, 通常的近似及其基本假设 Introduction to TMDD modeling concepts, presentation of the system of equations, usual approximations and their underlying assumptions	
	(10:00-10:30)	练习:使用Mlxplore模块探索主要TMDD模型的特征 Hands-on: exploration of the characteristics of the main TMDD models using Mlxplore	
	(10:30-12:00)	根据可用数据选择TMDD模型的准则,可识别性问题的讨论 Guidelines for the choice of a TMDD model depending on the available data, discussion of identifiability issues	
	(9:30-9:40) (10:40-10:50)	休息 Break	
	(12:00-14:00)	照相留影、午餐、参观生产基地、午休 Take a photo, Lunch, visit the Manufacturing Facility,Lunch break	Innovent
	下午(14:00-17:00)	应用	
	PM(14:00-17:00)	Applications and hands-on	

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第2天(Day2) 2019/11/07	(14:00-14:30)	基于Datxplore模块进行数据探索 Data exploration with Datxplore	Geraldine CELLIERE Jonathan Chauvin
	(14:30-15:45)	使用Monolix模块逐步开发TMDD模型 Stepwise development of a TMDD model with Monolix	
	(15:45-16:30)	用Simulx模块模拟首次人体PK Simulation of first-in-human PK with Simulx	
	(16:30-16:45)	用Mlxplore模块评估异速放大假设 Assessment of allometric scaling hypotheses with Mlxplore	
	(16:45-17:00)	结束语 Concluding remarks	
	(14:55-15:05) (16:00-16:10)	休息 Break	