Early phase dose-finding clinical trials: online course

University College London, February 2021

Presenters:

Prof Alexia Iasonos, *Memorial Sloan Kettering Cancer Center, New York, USA*

Prof John O'Quigley, *Department of Statistical Science, University College London, U.K.*

Dr Hakim-Moulay Dehbi*, Head of Statistics, Comprehensive Clinical Trials Unit, University College London, U.K.*

Day 1: 12th of February 2021		
14:00-14.20	General introduction to early phase dose-finding designs	Hakim-Moulay Dehbi
14:20-14:50	Model based dose-finding designs	John O'Quigley
14.50-15.00	Quizzes, questions, discussions	
15:00-15:30	Interval designs and semi-parametric designs	John O'Quigley
15:30-16.00	Quizzes, questions, discussions	
16:00-16:15	Tea break	
16:15-16:45	Statistical theory (convergence, coherence principles, avoiding model rigidity, model parameterization, optimal design)	John O'Quigley
16:45-17.15	Dose expansion cohorts: theory and practice (Part 1)	Alexia Iasonos
17:15-18:00	Quizzes, questions, discussions	Open floor / O'Quigley, Iasonos, Dehbi
Day 2: 19th of February 2021		
14:00-14:30	Dose expansion cohorts: theory and practice (Part 2)	Alexia Iasonos
14:30-14:45	Quizzes, discussions, questions	
14:45-15:15	More complex designs (e.g. patient heterogeneity, bridging/pediatrics)	Alexia Iasonos

15:15-15:30	Quizzes, discussions, questions	
15:30-15:45	Tea break	
15:45-16:30	Protocol development, practical and logistical concerns (e.g. accrual rates and endpoint observation), software, case studies	Hakim-Moulay Dehbi
16:30-18:00	Quizzes, discussions, questions and further points	Open floor / O'Quigley, Iasonos, Dehbi