2026 Virtual Course Pharmacokinetics and Pharmacodynamics of Protein Therapeutics: Principles and Pharmacometric Approaches

December 2-4, 2026

Course Directors: Bernd Meibohm, University of Tennessee, and Johan Gabrielsson, MedDoor AB, Gothenburg

- Course Schedule (in US Central Standard Time) -

Time	Wednesday, December 2	Time	Thursday, December 3	Time	Friday, December 4
Topic	**Basic Concepts**	**Topic**	**PK/PD**	**Topic**	**Developmental Aspects**
9:00	Introduction (Bernd & Johan)	9:00	Disucssion on Caveats and Opportunities related to TMDD (Bernd)	9:00	Discussion of Clinical Pharmacology Exercise (Bernd)
9:30	Basic Pharmacokinetics of Proteins (Bernd)	9:30	TMDD: Steady-state relationship of ligand, target and complex I (Johan)	9:25	Clinical Pharmacology Challenges: Size-based Dose Adjustments and Renal/Hepatic Impairment (Bernd)
10:00	*Discussion*	10:00	*Discussion*	10:00	*Discussion*
10:15	Drug Disposition of Monoclonal Antibodies (Bernd)	10:15	TMDD: Steady-state relationship of ligand, target and complex II (Johan)	10:15	Disease States & Covariates Modulating PKPD of Proteins (Bernd)
10:45	*Discussion*	10:45	*Discussion*	10:45	*Discussion*
11:00	Break	11:00	Break	11:00	Break
11:15	Basic Concepts of Target-Mediated Drug Disposition I (Johan)	11:15	Translational Consideration and First-In-Human Dose Predictions (Bernd)	11:15	Evaluation of Drug-Drug Interactions of Therapeutic Proteins (Bernd)
11:45	*Discussion*	11:45	*Discussion*	11:45	*Discussion*
12:00	Basic Concepts of Target-Mediated Drug Disposition II (Johan)	12:00	Bispecific Antibody Derivatives: Concepts and Examples (Bernd)	12:00	Challenges in the Development of Antibody-Drug Conjugates (Bernd)
12:30	*Discussion*	12:30	*Discussion*	12:30	*Discussion*
12:45	Break	12:45	Break	12:45	Break
13:00	Extravascular Administration of Proteins (Bernd)	13:00	PKPD of Protein Therapeutics in Pediatrics (Bernd)	13:00	Immunogenicity: Impact on PK and PD (Bernd)
13:30	*Discussion*	13:30	*Discussion*	13:30	*Discussion*
13:45-14:00	Caveats and Opportunities related to TMDD (Bernd)	13:45-14:00	Clinical Pharmacology Exercise (Bernd)	13:45-14:00	Wrap up and farewell

Time Zones

US Eastern Standard Time	10am-3pm
US Central Standard Time	9am-2pm
US Pacific Standard Time	7am-12pm
Greenwich Mean Time	3pm-8pm
Central European Time	4pm-9pm