TWO-DAY TRAINING COURSE TRAINING COURSE AGENDA

Tuesd	lay, 10 September 2019	9:00 - 17:00
9:00	 Welcome and Theory 1 Introduction into eukaryotic DS manufacturing process Virus Filters in biopharmaceutical manufacturing Sources of virus load Reason/necessity for virus removal from DS Virus realm Sources of viruses Examples of virus contaminations (plasma, biotech) Outline of how to control the risk Relevance of virus safety in ATMPs and potential applications 	Sebastian Teitz Andrew Bailey
10:50	Coffee Break	
11:20	Theory 2: Case StudyUp- & Downscaling of a virus filtration step	Franz Nothelfer
12:50	Lunch Break	
13:50	 Hands-on 1: Set-up and Handling of Filters Set-up in lab-scale: hands-on Display of production scale filters Integrity tests: hands-on 	Sebastian Teitz
15:20	Coffee Break	
15:50	 Theory 3: Mechanistic principles of (Parvo-) Virus retention Designing a virus filtration process – assumption and points to consider 	Sebastian Teitz
17:00	End of Day 1	
18:00	Networking Dinner	

Wedn	esday, 11 September 2019	9:00 - 15:30
9:00	Wrap-up Day 1	All
13:50	 Hands-on 2: Set-up of filtrations with different protein solutions Documentation 	All
10:30	Coffee Break	
11:00	 Theory 4: Introduction/background part for viral clearance - methods, guidelines How to organize a virus clearance study Challenges in VC studies Historical data Case studies for VC studies Continuous manufacturing aspects in combination with virus filtration 	Michael Lasse
12:30	Lunch Break	
13:30	Revisit Filtration Results	Sebastian Teitz
13:30	Interactive session: Bring your own case/topic/question/problem/challenge for discussion! Participants have the opportunity to address real-life challenges during the implementation of a virus filtration process – from bencht-top development through to commercial scale-up.	All
15:00	Wrap-up, Q&A	All
15:30	End of Course	

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