

Date:	March 13 <sup>th</sup> 2022	March 14 <sup>th</sup> 2022	March 15 <sup>th</sup> 2022	March 16 <sup>th</sup> 2022	March 17 <sup>th</sup> 2022
Venue:	CCM	CCM	CVK	CVK	CCM
Time	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-09:15	Welcome + Introduction	primary human lung tissue and organoids for replacement of animal research	organoids: a multi-faceted tool in regenerative medicine	animal welfare and refinement	ex vivo lung and in vitro models in lung research
09:15-09:30					
09:30-09:45					
09:45-10:00	introduction into the 3Rs principles				
10:00-10:15	break				
10:15-10:30	break				
10:30-10:45	break				
10:45-11:00	3Rs and alternatives from the academic perspective				quality in preclinical 3R in vitro research
11:00-11:15	break				
11:15-11:30	ethics in biomedical research: reduce waste, increase value				lunch break
11:30-11:45	break				
11:45-12:00	break				
12:00-12:15	lunch break	3D bioprinting - chances and challenges in biomedical research	animal ethics and animal experiments, part I	how can imaging techniques contribute to the 3Rs in animal research?	project presentations and feedback
12:15-12:30					
12:30-12:45	break	break	break	break	preparing project presentations
12:45-13:00	break	break	break	break	
13:00-13:15	ethics of organoids and other humanized models	in silico alternatives	animal ethics and animal experiments, part I	how can imaging techniques contribute to the 3Rs in animal research?	
13:15-13:30					
13:30-13:45	break	break	break	break	
13:45-14:00	break	break	break	break	
14:00-14:15	3R resources	in silico alternatives	animal ethics and animal experiments, part I	how can imaging techniques contribute to the 3Rs in animal research?	
14:15-14:30					
14:30-14:45	break	break	break	break	
14:45-15:00	break	break	break	break	
15:00-15:15	3R resources	in silico alternatives	animal ethics and animal experiments, part I	how can imaging techniques contribute to the 3Rs in animal research?	
15:15-15:30					
15:30-15:45	break	break	break	break	
15:45-16:00	break	break	break	break	
16:00-16:15	3R resources	in silico alternatives	animal ethics and animal experiments, part I	how can imaging techniques contribute to the 3Rs in animal research?	
16:15-16:30					
16:30-16:45	break	break	break	break	
16:45-17:00	break	break	break	break	
17:00-17:15	break	break	break	break	

PART I

PART I

Legend: ethics refinement /animal welfare reduction replacement