



Tuberculosis Drug Development Workshop

Friday 13th September 2024



Time	Presenter	Title	Duration (min)	
Morning Session				
10:00	Prof Warwick Britton	Welcome		
10:05	Prof Greg Cook	Exploring new opportunities for targeting drug-resistant strains of <i>Mycobacterium tuberculosis</i>	30	
10:35	Prof Richard Payne	Protein degradation pathway as a target	20	
10:55	Bryton Forster	Modular Synthesis & Antimycobacterial Activity of Rufomycins	10	
11:05	Dr Maxwell Stevens	<i>In vitro</i> drug testing to model <i>M. tuberculosis</i> lung infection	15	
11:20	Isabel Barter	Impact of protein degradation pathway inhibitors on <i>M. Tuberculosis</i> proteome	20	
11:40	Morning Tea			
Middle session				
12:00	A/Prof Nick West	Host Pathogen Communication - The importance of Two-Component Systems for Persistent TB Infections	20	
12:20	Dr Nick Smith	Small molecule inhibitors of <i>Mycobacterium tuberculosis</i>	20	
12:40	Dr Diana Quan	Beta-lactam synergy against <i>M. tuberculosis</i>	20	
13:00	Lunch			
Afternoon Session				
14:00	Prof Antje Blumenthal	Characterisation of antimicrobial leads	20	
14:20	Jan Schafer	Precision RNA therapeutics for TB	20	
14:40	Dr Christina Spry	Exploring the mechanisms by which PanD mutations confer pyrazinamide resistance.	20	
15:00	Dr Xiaomei Zhang	Genomic detection of <i>M. tuberculosis</i> drug resistance	20	
15:20	Afternoon tea			
15:40	Discussion	Future opportunities and collaborations on TB drug development	75	
16:55	Prof Warwick Britton	Thank you and close		

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