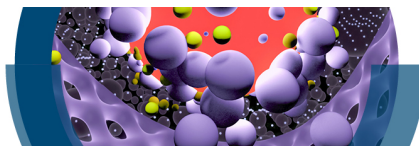


Wednesday 17 November 2021

All timings are GMT

13:00	Welcoming remarks – Professor Rachel McKendry (University College London), Meeting Chair
	Keynote Session 1
13:10	Polymers in the prevention and treatment of infectious disease Professor Cameron Alexander (University of Nottingham)
13:30	What's lurking on the surfaces around you? Dr Lena Ciric (University College London)
13:50	Lightning talks: <ul style="list-style-type: none"> • Droplet-based soft nanorobots to advance infectious pathogen encapsulation Francois Sicard, University College London • Coacervate and sol-gel based phosphate-based glasses containing metallic ions as antibacterial agents Agron Hoxha, University of Surrey • Revitalizing antimicrobials through molecular design and self-assembly approaches Helena Azevedo, Queen Mary University of London • An overview of photoactive coatings to prevent the transmission of pathogens Stuart McMichael, Ulster University • Development of DNA aptamers against the Mycobacterium tuberculosis biomarker ManLAM Terri Lau, Newcastle University
14:00	Discussion and Q&A with all speakers
14:20	Break
	Keynote Session 2
14:30	Designing materials for ultra-sensitive biosensing of infectious disease Professor Molly Stevens (Imperial College London)
14:50	Concepts for detecting and controlling bacterial infection in wounds and the bladder Professor Toby Jenkins (University of Bath)
15:10	Lightning talks: <ul style="list-style-type: none"> • A Pipetting-free Handheld Microfluidic Silica Bead-based Platform to Find Sample to Answer for Nucleic Acid-Based Diagnostics Xiaoxiang Yan, University of Glasgow • Spin-enhanced nanodiamond biosensing for ultrasensitive diagnostics Benjamin Miller, University College London



	<ul style="list-style-type: none"> • Rapid ultra-sensitive diagnosis of clostridium difficile infection using a SERS-based lateral flow assay Christopher Johnson, Newcastle University • Rapid Diagnosis Using Highly Specified Pathogen Flocculation Thomas Swift, University of Bradford • Single-molecule nanofluidics for high-throughput early detection Siddharth Ghosh, University of Cambridge
15:20	Discussion and Q&A with all speakers
15:35	Short break
15:45	Networking discussions – in breakout rooms
16:25	Feedback and closing remarks
16:30	Meeting close