

**Wednesday 4<sup>th</sup> March**

<b>Time</b>	<b>Title</b>	<b>Speaker</b>
9:30	Registration and coffee	
<b>Session 1</b>	<b>Chair: Angela Brueggemann</b>	
10:00-10:15	Welcome and introduction to the IDEU	Angela Brueggemann
10:15-10:35	<i>Neisseria meningitidis</i> carriage, antimicrobial resistance and risk factors in UK men who have sex with men	Odile Harrison
10:35-10:55	Linking UK Biobank to UKHSA data to find infection causes	Danny Wilson
10:55-11:15	The RECOVERY platform trial: present and future	Leon Peto
11:15-11:45	Tea, coffee, networking	
<b>Session 2</b>	<b>Chair: Helen Fryer</b>	
11:45-12:05	SchistoTrack: A prospective, community-based cohort focused on intestinal schistosomiasis in Uganda	Melissa Iacovidou and Phyllis Munyiva (on behalf of Goylette Chami)
12:05-12:25	The unfinished business of the HIV pandemic	Joris Hemelaar
12:25-12:45	Developing and translating bioengineering technologies for better health	Molly Stevens
12:45-14:00	Lunch, networking	
<b>Session 3</b>	<b>Chairs: Ana Unitt and Matt Quinn</b>	
14:00-15:00	<b>IDEU early- and mid-career researcher 5-minute talks</b>	
	Towards scalable inference of ancestral recombination graphs for bacteria	Shing Zhan
	Longitudinal population dynamics of <i>Moraxella catarrhalis</i> in the nasopharynx during the first year of life	Iman Yassine
	Exploring phage diversity in <i>Haemophilus influenzae</i>	Saskia Proud
	Evidence of human-pathogen genetic interactions in <i>Staphylococcus aureus</i> bloodstream infections	Hugh White
	Q & A (10 minutes)	

Time	Title	Speaker
	<b>IDEU early- and mid-career researcher 5-minute talks</b>	
	Big data methods for identifying non-genetic risk factors for microbial disease	Helen Fryer
	The role of antibody and antigen status as biomarkers for the use of neutralising antibody therapies: analysis of 21,446 participants in the RECOVERY trial	Vanessa Tobert
	Adverse maternal outcomes in women living with HIV: a systematic review and meta-analysis	Alyssa Fitzpatrick
	Global and regional molecular epidemiology of HIV-1 during 1990-2024	Ayisha Khalid
	Q & A (10 minutes)	
15:00-15:30	Tea, coffee, networking	
<b>Session 4</b>	<b>Chair: Prabhat Jha</b>	
15:30-15:50	Mathematical modelling at the end of an infectious disease outbreak	Robin Thompson
15:50-16:10	The link's the sink! Sinks and Gram-negative pathogens in healthcare settings	Nicole Stoesser
16:10-16:30	Advances in vaccines and antibodies for blood-stage malaria	Simon Draper
16:30-16:50	Health research partnerships in a fragmenting world order	Caeser Atuire
17:00-19:00	Drinks reception in the Richard Doll Building	

### Thursday 5<sup>th</sup> March

Time	Title	Speaker
9:30	Registration and coffee	
<b>Session 5</b>	<b>Chair: Helen Fryer</b>	
10:00-10:20	Responding to African HIV epidemics among sexual and gender minorities: live and let DEI?	Adrian Smith
10:20-10:40	The IRIS Consortium reveals significant changes in invasive bacterial disease as a result of the COVID-19 pandemic	Angela Brueggemann
10:40-11:00	How (and how not) to build a collaborative global health research network: the Global Health Bioethics Network as an illustration	Mike Parker
11:00-11:30	Tea, coffee, networking	

Time	Title	Speaker
<b>Session 6</b>	<b>Chairs: Iman Yassine and Melissa Iacovidou</b>	
11:30-12:35	<b>IDEU early- and mid-career researcher 5-minute talks</b>	
	A core genome approach to exploring antimicrobial resistance in <i>Neisseria gonorrhoeae</i>	Ana Unitt
	Predicting azithromycin resistance in <i>Neisseria gonorrhoeae</i> using machine learning	Krisna Made
	Assessing the impact of the UK RSV vaccination programme on antibiotic usage and antimicrobial resistance	Matt Quinn
	Assessment of the feasibility of a One Health surveillance system	Priya Lall
	Q & A (10 minutes)	
	Referrals in the absence of clinical management guidance: navigating continuity of care for participants in a longitudinal study on chronic schistosomiasis infection in rural Uganda	Sandrena Frischer
	Malaria- <i>Schistosoma mansoni</i> co-infection in Ugandan fishing communities	Max Lang
	Clinical decision support systems for periportal fibrosis staging	Eloise Ockenden
	Last observations of inpatient physiology data are more effective than time series in mortality prediction	Zizheng Zhang
	Harm from bloodstream infections in acute and emergency care	Kieran Johnstone
	Q & A (10 minutes)	
12:35-13:35	Lunch, networking	
<b>Session 7</b>	<b>Chairs: Adrian Smith and Leon Peto</b>	
13:35-13:55	The Pathogen Project at the Ellison Institute of Technology	Gil McVean
13:55-14:15	Human challenge studies to accelerate gonorrhoea vaccine development	Susanne Hodgson
14:15-15:15	Panel discussion	Gil McVean Ben Lacey Odile Harrison Joris Hemelaar Angeliki Kerasidou
	Open data in the age of digital epidemiology: benefits, risks, and responsibilities. <i>Should open data be the default in infectious disease research? The panel members and audience will discuss the opportunities and challenges associated with open data.</i>	
<b>Session 8</b>	<b>Chair: Angela Brueggemann</b>	
15:20-15:40	Industry sponsor	
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16:00-16:15	Closing remarks	Angela Brueggemann