Grab a drink after hours and immerse yourself in the fight against infectious disease. Watch superbug inspired theatre, create an origami immune system and try not to spend too long in our Infectious Arcade.

#ImperialLates
imperial.ac.uk/Festival/Lates
imperialcollegelondon
#ImperialLates

OUR NEXT IMPERIAL LATES

Winter wonderlab
5 December 2019
As the nights draw in, we celebrate the chillier side of science. From low-temperature physics and the freezing cold of outer space to arctic surveys and glaciology, via all manner of sub-zero chemistry fun, embrace the cold in our Winter wonderlab.

Future Commuter
13 February 2020
If you’ve ever experienced the joys of the London commute, wondered about the sustainability or worried about the carbon footprint of a summer getaway, come along to explore what our future might look like.

Beautiful data
12 March 2020
Data, data everywhere but perhaps we should stop and think? This most precious of commodities could deliver breakthroughs, but does the data revolution also threaten our personal privacy and how much of a say do we have in how our data is used?

Latest events direct to your inbox!
The Imperial Lates series offers just a glimpse into the exciting programme of events that Imperial hosts throughout the year. Fancy joining us for another lecture, concert or exhibition?
Sign up for our newsletter and you'll never miss out again!
imperial.ac.uk/whats-on/events-signup
diagnose infectious diseases in minutes
Discover how microchips can image DNA to
Department of Electrical and Electronic Engineering
Need for speed
perspective and discussion.
research and statistical modelling for a unique
spanning health economics, clinical practice, field
outbreak? Join the discussion with our scientists
story, what really goes on in an infectious disease
Far from a zombie apocalypse or ambiguous news
18.45–19.45
Cori, Dr Katharina Hauck, Dr Karthik Paranthaman
how do we decide what to do?
Infectious diseases outbreaks:
– Cast your vote: causes
– Red or Dead Roulette
– Infectious Pledge Wall
– Antibiotic Amnesty
– Play Your Cards Right
– Modern Medicine Jenga
– Antibiotic Arms Race
– Dicing with Death
– Pandemic Potential
– Cast your vote: causes
– Antimicrobial Resistance
– Publishing the science
– Antibiotics are not a cure
– Candidates: Staph vs. Strep
– A sampling of microbes
– Stigmata of the aunt
– Stigmata of the host
– A look at the human genome
– An introduction to mycobacteria
– Are drug resistant TB strains on the move?
– What do drug resistance patterns look like?
– How does drug resistance spread in healthcare settings?
– What are the implications for the community?
– What can you do to help?

Key to events
1 Map reference
2 Pre-registration required
3 Time-specific event

PLANNING TO ATTEND A TALK?
See below to help you plan. Our talks
are first come first served, apart from
‘Infectious diseases outbreaks’. All of our other activities are drop in.

1 Talk
Infectious diseases outbreaks: how do we decide what to do?
Dr Christina Atchison, Dr Leigh Bowman, Dr Anne Cori, Dr Katharina Hauck, Dr Karthik Paranthaman
18.45–19.45 Pre-registration required
Far from a zombie apocalypse or ambiguous news story, what really goes on in an infectious disease outbreak? Join the discussion with our scientists spanning health economics, clinical practice, field research and statistical modelling for a unique perspective and discussion.

2 Infectious Arcade
Department of Infectious Disease, School of Public Health and National Heart and Lung Institute
Bring out your inner child with our Infectious Arcade filled with well-known games with a scientific twist.
– Pandemic Potential
– Dicing with Death
– Antibiotic Arms Race
– Modern Medicine Jenga
– Play Your Cards Right
– Antibiotic Amnesty
– Infectious Pledge Wall
– Red or Dead Roulette
– Cast your vote: causes
of Antimicrobial Resistance

3 Exhibit
Need for speed
Department of Electrical and Electronic Engineering
Discover how microchips can image DNA to diagnose infectious diseases in minutes

4 Exhibit
Blood and guts
Department of Medicine
Why having more bacteria than human cells in your body helps us fight infection.

5 Exhibit
Genome squatters: human retroviruses
Department of Infectious Disease
HTLV inserts itself into our DNA, causing disease decades later. What happens in between and how can we stop it?

6 Exhibit
Don’t sweat that fly!
Department of Life Sciences
They’re more than just annoying pests, check out our fruity pinball and explore how we’re learning from them.

7 Exhibit
Fungal hunters
School of Public Health
Fungi affect human, animal and plant health - and threaten global food security - yet they receive much less attention than bacteria, viruses and parasites. Find out what Imperial’s Mycology group are doing to change that!

8 Exhibit
Dr Dog
National Heart and Lung Institute, Medical Detection Dogs, Cystic Fibrosis Trust
Meet the sniffer dog trained to detect bacteria which cause lung infections in cystic fibrosis patients.
Please note a dog will be present at the event.

9 Exhibit
Lates Infectious Control
NIHR Health Protection Research Unit in Modelling Methodology, MRC Centre for Global Infectious Disease Analysis
Get given a QR code by a stranger? You’ve been ‘infected!’ Head here to get the ‘remedy’, ‘infect’ others and watch it spread across the Lates!

10 Exhibit
Sensors and Sensibility
Departments of: Bioengineering, Chemistry, Electrical and Electronic Engineering, Infectious Disease and Centre for Antimicrobial Optimisation.
We’re all unique, so why would we be given the same dose of antibiotics? Come along to test a biosensor which monitors antibiotic levels in real time.

11 Exhibit
Smart Surfaces
Department of Infectious Disease, Imperial College Healthcare NHS Trust, and Department of Chemical Engineering
We are at the start of a journey to develop ‘smart surfaces’ to tackle superbugs in healthcare environment (e.g. bedrails, computer keyboards).
We need your help to guide our research priorities and develop these smart surface technologies.

12 Exhibit
Origami Outbreak
National Health and Lung Institute, Tina Luo
What happens inside our lungs when a flu virus attacks? Join researchers to fold and model a beautiful origami immune response, and find out about the fascinating processes of infection, immunity and vaccination.

13 Talk
The front line against infectious disease
18.30–19.00
Dr Céire Costelloe
Can we fight infectious disease with data?
19.15–19.45
Dr Ellie Sherrard-Smith
Stories from the fight against Malaria in Africa
20.00–20.30
Dr Andrew Hammond
We could wipe out Malaria right now. Here’s how.

14 Performance
Mrs X
NIHR Health Protection Research Unit in Healthcare Associated Infections and Antimicrobial Resistance, Theatre of Debate and Nicola Baldwin
19.30–20.30, first come first served
Join us for superbug inspired theatre, exploring the stories of Dr Alexander Fleming and a modern day London hospital and it’s patients. Following the performance, discuss the issues raised with the actors and Imperial antimicrobial resistance researchers.

15 Exhibit
Malaria Area
Curated by Imperial’s Malaria Network
Immerse yourself in our malarial jungle for one night only! Journey through the malaria parasite’s journey through humans and mosquitoes, become a malaria researcher and help us answer key questions to control the disease.
Tell us what you think! We want to make sure these events work for you – tell us what you like and what you don’t

bit.ly/InfectiousEval

INFECTIOUS

1. Infectious diseases outbreaks: how do we decide what to do? 18.45–19.45
2. Infectious Arcade
   - Pandemic Potential
   - Dicing with Death
   - Antibiotic Arms Race
   - Cost your vote: causes of Antimicrobial Resistance
   - Modern Medicine Jenga
   - Play Your Cards Right
   - Antibiotic Amnesty
   - Infectious Pledge Wall
   - Red or Dead Roulette

3. Need for speed
4. Blood and guts
5. Genome squatters – human retroviruses
6. Don’t swat that fly!
7. Fungal hunters
8. Dr Dog
9. Lates Infectious Control

LOWER GROUND FLOOR
10. Sensors and Sensibility
11. Smart Surfaces
12. Origami Outbreak
13. The front line against infectious disease
15. Malaria Area
   - The human side of Malaria
   - Lab selfie booth
   - Malaria at Imperial
   - How tasty is your blood?
   - Parasite pursuit

Key:

- Lates listing
- Information desk
- Bar
- Lift
- Cash machine
- Toilets
- Baby changing facility
- Pre-registration required
- Time-specific event
- Stairs