

Data Science in Meeting the AMR Challenge



Wednesday 12 December 2018

08.30 -11.30

The Shard, 32 London Bridge Street, London SE1 9SG

Hosted by Mathys & Squire LLP

This meeting is a part of a series of satellite seminars hosted in London on the day prior to the annual [Genesis Conference](#). This invite only seminar will bring a focussed group of attendees from a variety of perspectives together for debate, networking and future collaboration.

New technologies are allowing us to generate ever increasing amounts of data regarding the biology of microbes. Genomics, proteomics, transcriptomics and similar allowing increased understanding of how microbes adapt, develop resistance and interact with the human body. Furthermore, machine learning and AI are allowing enhanced medicinal chemistry approaches, diagnostics and surveillance.

The invited speakers will lead discussions on how advances in the study of infectious diseases is being aided by big data approaches, how this will help combat AMR and how intellectual property can oil the wheels of progress sat this interface.

Agenda:

08.30 - Registration and coffee

09.00 - Welcome

Craig Titmus, **Mathys & Squire** and Tony Jones, **One Nucleus**

09.05 - Introduction from the Chair

Richard A'Court, **Public Health England**

09.15 - The Evolving AMR Research Landscape

Pete Jackson, **AMR Centre**

09.30 - How is Data Science Advancing AMR Research?

John George, CSO and Founder, **Oppilotech**

09.45 - IP Strategy for ICT Inventions in Life Sciences

Sean Leach, **Mathys & Squire**

10.00 - The Bloomsbury SET: Connecting Capability to Combat the Threat from
Infectious Disease and Antimicrobial Resistance

Emma Tomlinson, **Royal Veterinary College**

10.15 - Big Data, Health Care, and IP

Nick Scott-Ram, **Sensyne Health**

10.30 - Q&A with the speakers

11.00 - Tea/Coffee and Networking

11.30 - Close

This event is open to attendees from the following organisation types:

- Biotechnology, Diagnostics and Pharma companies
- Drug development advisers
- Investors and analysts
- Technology Transfer Offices
- Policy makers
- Translational research academics
- Media

Note: Attendance at this event is by invitation only. To request an invitation please email Pru Fiddy at pru@onenucleus.com