

ANTIMICROBIAL RESISTANCE (AMR) RESEARCH SHOWCASE

24 November 2022 | 10:00 - 12:00 | Queen's University Belfast

The 18th - 24th November is **World Antimicrobial Awareness Week** and the **AMR Hub** at Queen's University is hosting a research showcase event in the atrium of the Biological Sciences Building on the 24th November from 10:00 to 12:00. We'll be joined by **Dr Adam P. Roberts** of the Liverpool School of Tropical Medicine who will give a guest talk entitled; **How can we engage citizen scientists in our fight against AMR; insights from Swab and Send.**

Join us for a showcase of research featuring talks, posters and networking. Topics will include;

- Machine learning for phenotypic AMR prediction
- Photodynamic antimicrobial chemotherapy
- Consumer and stakeholder perceptions on AMR

The event will also feature an introduction to an exciting new Citizen Science AMR initiative, **The Great CART Project.**

Please register to attend by clicking the link below.

Guest Speaker Biography | Dr Adam P. Roberts BSc, PhD, FHEA, FRSB

Dr Roberts has been investigating the fundamental mechanisms of transferable AMR for more than 20 years and, since arriving at Liverpool School of Tropical Medicine in 2017, has focussed on translational aspects of AMR and early-stage drug discovery and development. His current research activities include investigations into the molecular genetics of transferable AMR, the use of evolutionary biology to inform antibiotic treatment regimens and drug design, the discovery and production of novel antimicrobial natural products and target-site identification and resistance development potential of novel molecules within the LSTM's drug development pipeline.

He has published more than 120 research articles, reviews and editorials on AMR over the last 20 years. Adam's research activities are currently funded by the Medical Research Council, UK Research and Innovation, the European Regional Development Fund and Innovate UK plus multiple charities including the Wellcome Trust. He runs the award-winning citizen-science, drug-discovery project "Swab and Send", is the Network coordinator of the JPIAMR Network of European and African Researchers on AMR (NEAR-AMR) and the JPIAMR funded STRESST project and is the Drug Resistance policy advisor to the Royal Society of Tropical Medicine and Hygiene.



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