

Industry Innovation Forum

Managing the AMU/AMR complex in food animals to achieve the best food system, economic and societal outcomes

**Thursday
4th May 2017**

**NFU, Agriculture House,
Stoneleigh Park,
Warwickshire, CV8 2TZ**



Antimicrobial Resistance (AMR) has become a major threat to our human and animal health systems. It is a complex problem that requires research that supports governments, industry and investors worldwide. Working towards identifying improved management of antimicrobials to reduce the impacts of AMR is essential for people and organisations that work in the livestock food systems.

About N8AgriFood

The N8 AgriFood consortium combines world-leading research expertise across a wide range of disciplines in a single research initiative. It includes the 8 most research intensive universities in the North of England (Durham, Lancaster, Leeds, Liverpool, Manchester, Newcastle, Sheffield and York) and covers three main themes: sustainable food production, resilient supply chains and improved consumption and health.

www.n8agrifood.ac.uk

To meet these challenges, N8 AgriFood is hosting an **AMR Industry Innovation Forum** on Thursday 4th May 2017. The Forum brings together N8 AMR/AMU academic scientists and researchers with businesses, policy makers and NGOs. It will focus on solutions and clarity to the problems the agrifood system face with antimicrobial use and AMR.

Topics covered will include issues such as:

1. Cost-effective alternatives to antimicrobials
2. Smart diagnostics and traceability across the agrifood system
3. Data management and analysis for improved population health
4. Policy development to support sustainable food systems

The Forum is supported by the NFU and AHDB. This timely interactive event focuses on real-life solutions that are technically feasible, economically profitable and socially acceptable. The aim is to develop collaborative research projects between industry and N8 AgriFood.

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Agenda

Thursday
4th May 2017

10.30 - 11.00

Coffee and Registration

11.00 - 11.15

Current policy overview

Kitty Healey, Head of Antimicrobial Resistance Policy and Surveillance Team, Veterinary Medicines Directorate, DEFRA

11.15 - 11.30

Introduction - Professor Jonathan Rushton, Chair, N8 AgriFood

Forum Objectives

- Familiarisation of N8 agrifood AMU/AMR research
- How the N8 agrifood programme can help
- Identification of synergies and collaborations
- Initiate partnerships for exchange, research and funding with an emphasis on interdisciplinary approaches

11.30 - 12.30

Introduction to the facilitated session - Professor David Pink, Harper Adams

- Working together in a time of change
- Developing research to answer questions
- Selecting partners
- Selecting groups

12.30 Networking Lunch

13.15 - 15.00

Facilitated Workshop Session

- Meta-plan to identify key areas of AMR and AMU
- Facilitated roundtable discussions (with 1 or 2 rotations) to identify research questions, methods approaches and actions to pursue
- 5 minute report back per group

15.00 Coffee Break

- Facilitated workshop session continues

16.00 Closing Remarks

Workshop Leader

Jonathan Rushton, Professor of Animal Health and Food Systems Economics (N8 Chair), University of Liverpool

Jonathan Rushton is an agricultural economist who specialises in the economics of animal health and livestock production and food systems. He is currently involved in global research on One Health and food systems, and has 25 years of international experience of livestock production and the control of animal diseases in South America, Africa and Asia.

Facilitator

David Pink is Emeritus Professor at Harper Adams University. He has worked extensively with industry, and has facilitated the planning of a large number of industry focused projects funded by breeding companies, KTP, AHDB, BBSRC and Defra. David will facilitate the workshop with the aim to develop projects on the day.

N8 AgriFood

Malou Lindholm

Events & Business Engagement Manager, N8 AgriFood

E: malou.lindholm@n8agrifood.ac.uk

T: +44 (0)1904 328937