

## DEFRA ANTIMICROBIAL RESISTANCE CO-ORDINATION (DARC) GROUP

### SIXTY SEVENTH MEETING THURSDAY 13<sup>th</sup> SEPTEMBER 2018 10:30 – 16:00

Present: Animal and Plant Health Agency (APHA)  
Biotechnology and Biological Sciences Research Council (BBSRC)  
Department for Environment, Food and Rural Affairs (DEFRA)  
Department of Agriculture, Environment and Rural Affairs, Northern Ireland (DAERA)  
Food Standards Agency (FSA)  
Health and Social Care Northern Ireland (HSCNI)  
NHS Scotland  
Public Health England (PHE)  
Scotland's Rural College (SRUC)  
Scottish Government (SG)  
Veterinary Medicines Directorate (VMD)  
Welsh Government (WG)

#### 1. Update on recent findings

*The data presented under 'Update on recent findings' are obtained from submissions of cases of clinical disease by Private Veterinary Surgeons to the network of government laboratories and their partner providers in England and Wales, Scotland and Northern Ireland and from monitoring of healthy livestock and investigations of possible links with human Salmonella outbreaks in those regions. Data from the testing of chickens and turkeys under the Salmonella National Control Programme are not included here.*

***The results presented in this section are preliminary and subject to change. The final annual figures will be published in the 'Salmonella in Livestock Production in Great Britain' and the 'VARSS' annual reports and will be made available via gov.uk.***

##### 1.1 England and Wales

- In the reported period (January-June), 61 *Salmonella* isolates were recovered from pigs and of these 51 (84%) were *Salmonella* Typhimurium (16/61) or monophasic *Salmonella* Typhimurium (35/61).
- The isolation of *Salmonella* in animal feed of all serovars increased in the period January-June 2018 compared with the previous year.
- No new cases of MRSA have been reported since the last meeting.
- Three CTX-M-14 ESBL-producing *E.coli* were isolated from cattle.
- One CTX-M-1 ESBL-producer was isolated from pigs.

##### 1.2 Scotland

- The Whole Genome Sequencing of multi resistant *S. Typhimurium* from cattle, sheep and dogs showed that the isolates belonged to ST19.
- Multi-resistant *S. Typhimurium* from ST34 were also isolated, mostly from pig samples.
- Five instances of MRSP were reported from dogs (four isolations) and otter (one isolation).

- Two ESBL-producing *E.coli* isolates were recovered from a dog and seal.

### 1.3 Northern Ireland

- Twelve ESBL-producing *E.coli* isolates were recovered from cattle (CTX-M-15 (8); CTX-M-1 (1)) and three from pigs (CTX-M-1 (3)).
- Twenty-two *S. aureus* isolates were identified, four were reported as MRSA
- The number of multi-resistant *S. Typhimurium* and monophasic *Salmonella* isolates detected has remained constant compared to previous reporting period.

## 2. Update on UK AMR Strategy

Representatives from the VMD and devolved administrations gave an overview on the current activities relating to future UK AMR strategies.

## 3. VARSS 2017 Progress Update

A representative from the VMD gave an update on the VARSS 2017 report which was to be published on gov.uk on the 24<sup>th</sup> October.

## 4. EU Update

The Committee for Medicinal Products for Veterinary Use (CVMP) adopted the second draft on the *Guideline on the assessment of the risk to public health from antimicrobial resistance due to the use of an antimicrobial veterinary medicinal product in food-producing animals* which will be published on EMA's website for public consultation until 31<sup>st</sup> October.

The CVMP's *Reflection paper on the use of aminoglycosides in animals in the European Union* was adopted and is published on EMA's website.

The CVMP adopted a draft reflection paper based on the *pilot project on dose optimisation of established veterinary antibiotics*. The reflection paper will be published on EMA's website for public consultation until 31 January 2019.

## 5. Feeding Waste Milk to Calves

A representative from the VMD presented an update on feeding waste milk to calves following the publication of the Responsible Use of Medicines in Agriculture Alliance's (RUMA) new position.

## 6. AMR Diagnostic Collaborative Update

A representative from the VMD presented an update on the newly formed UK AMR Diagnostic Collaborative.

## 7. A One Health Approach to AMR Surveillance

Representatives from APHA, SG, DAERA, WG, FSA and PHE gave an overview of their surveillance challenges and opportunities as part of a One Health approach.

## 8. Date of the Next Meeting

Tuesday, 27 November 2018, VMD