



# R&D Snapshot

## An Australian Livestock Industry Framework to showcase and underpin Antimicrobial Stewardship (AMS) activities

**Investigators:** Advanced Veterinary Therapeutics (Stephen Page), Australian Chicken Meat Federation (Kylie Hewson), APL (Pat Mitchell) and the Australian Lot Feeders Association (Annabel Johnson)

### **Purpose:**

- Providing a framework for the livestock industries to demonstrate their AMS commitment

### **Take home messages:**

- AMS is about guaranteeing quality use of antimicrobials and is part of our duty of care for our world
- Primary producers are already active in this area; the AMS framework just allows coordination and documentation of activities while also finding any gaps
- Effective AMS involves recognition of its importance by producers and a partnership approach across industry with EVERYONE getting on board
- Continuous improvement for AMS process relies on:
  - Reviewing current usage practices (what's used, how much, why, when)
  - Developing AMS aims by identifying ways to Reduce, Refine and Replace current practices
  - Implementing the AMS plan
  - Measuring progress, reviewing achievements, barriers/enablers, critical review, then developing new objectives and
  - Repeat!
- Five Rs (Responsibility, Reduction, Refinement, Replacement and Review) underpin any successful AMS plan

### **Additional information:**

- For further information, please contact Pat Mitchell at [pat.mitchell@australianpork.com.au](mailto:pat.mitchell@australianpork.com.au) or on 03 5488 2306

