



442 Research paper

**Use of antimicrobials in food animals and impact of transmission of antimicrobial resistance on humans**

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**In Significant Impact Groups:**

AMU reduction strategies \ Legislation and incentives Government

Species targeted: Pigs;Poultry;Dairy;Beef;

Age: Not stated;

**Summary:**

Humans can acquire antimicrobial resistance from drugs through the food chain or the environment (contaminated water, air, soil, or manure). While antimicrobials have been regular supplements in animal feed that maintain health and improve productivity of livestock, their over-use in feeding forage has led to a rise in antibacterial resistance. This review summarizes the current use of antimicrobials in livestock, the harmful effects of antimicrobial resistance, and the comprehensive combat measures.

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**Where to find the original material:**

<https://www.sciencedirect.com/science/article/pii/S2590053620301099?via%3Dihub>;

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