

A One Health perspective on antimicrobial resistance

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Abstract

The paper briefly compares how the European Union (EU) and the United States (US) approached the growth-promoting antibiotic avoparcin, the emergence of vancomycin-resistant Enterococcus faecium (VRE), and growth-promoting antibiotic use policies in livestock. In 2006, the European Union (EU) banned all growth-promoting antibiotic use in livestock. The U.S. issued a voluntary ban in 2017. The sequencing of VRE's genome yielded unexpected findings that should impact antibiotic resistance surveillance policies

Keywords: *Antimicrobial resistance, One Health, vancomycin-resistant Enterococcus faecium*