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## What are the public health issues that practitioners have to consider to enforce a sustainable use of antibiotics?

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### ► To cite this version:

Pierre-Louis Toutain. What are the public health issues that practitioners have to consider to enforce a sustainable use of antibiotics?. 12. International Congress of the European Association for Veterinary Pharmacology and Toxicology (EAVPT 2012), Jul 2012, Noordwijkerhout, Netherlands. 182 p. hal-02747708

**HAL Id: hal-02747708**

**<https://hal.inrae.fr/hal-02747708>**

Submitted on 3 Jun 2020

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## **Practitioners Programme: Session P1. Wednesday 11.07: 9.00 – 10.30**

### **P-1.1. What are the public health issues that practitioners have to consider to enforce a sustainable use of antibiotics?**

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The sustainable use of antibiotics in veterinary medicine necessitates optimizing the dosage regimen not only to minimize the development of resistance among target pathogens (an animal health issue) but also to prevent or minimize the impact of antimicrobial resistance on non-target bacteria including zoonotic pathogens (*Salmonella*, *Campylobacter*, *E coli*, etc), animal commensal flora (mainly gut and skin flora) and also environmental flora (manure, waste, etc). These different public health issues will be presented and discussed to qualify the actual links between animal and human antimicrobial resistance and to explore the possible options that might be enforced to minimize the impact of veterinary antibiotic use on human health.



# 12<sup>th</sup> International Congress of the European Association for Veterinary Pharmacology and Toxicology

8 – 12 July 2012  
Noordwijkerhout  
The Netherlands



[www.eavpt2012.nl](http://www.eavpt2012.nl)

ABSTRACTS