



## Comparative Studies of Antimicrobial Resistance in Bacteria of Animals and Humans

Guest Editors:

**Prof. Dr. med. Olivier Denis**

**Prof. Dr. Marie Archambault**

**Dr. Sandrine Roisin**

**Dr. Maria Ángeles Argudín**

Deadline for manuscript  
submissions:

**closed (28 February 2018)**

### Message from the Guest Editors

Dear Colleagues,

The discovery of antimicrobial agents in the mid-twentieth century revolutionized the management and treatment of bacterial infections. Infections that would normally have been fatal became curable. Ever since then, antimicrobial agents have saved the lives of millions of people. However, these gains are now seriously jeopardized by the rapid emergence and spread of microbes that are resistant to antimicrobials.

In this Special Issue, we welcome original articles, short communications and mini-reviews on the antimicrobial resistance situation in bacteria of animal and human origins (this includes pathogenic, commensal and zoonotic bacteria), the transfer of livestock-associated antimicrobial resistance determinants to human bacteria, and conversely.

Prof. Dr. Olivier Denis

Prof. Dr. Marie Archambault

Dr. Sandrine Roisin

Dr. Maria A. Argudín

*Guest Editors*





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Patrick Butaye

1. Department of Pathobiology,  
Pharmacology and Zoological  
Medicine, Faculty of Veterinary  
Medicine, Ghent University,  
Salisburylaan 133, B9820  
Merelbeke, Belgium  
2. Department of Infectious  
Diseases and Public Health,  
Jockey Club College of Veterinary  
Medicine and Life Sciences, City  
University of Hong Kong, 31 To  
Yuen Street, Kowloon, Hong  
Kong SAR 999077, China

## Message from the Editor-in-Chief

Veterinary Sciences (ISSN 2306-7381) is an international and interdisciplinary scholarly open access journal that aims at publishing research in all fields of veterinary medicine in a democratic way. We encourage scientists to publish their original research articles, reviews, communications, and short notes in as much detail as possible. Articles submitted that involve subjecting animals to unnecessary pain or suffering will not be accepted, and all articles must be submitted with the necessary ethical approval (please refer to the Ethical Guidelines for more information).

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (Veterinary Sciences) / CiteScore - Q1 (General Veterinary)

## Contact Us

---

Veterinary Sciences Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/vetsci](http://mdpi.com/journal/vetsci)  
[vetsci@mdpi.com](mailto:vetsci@mdpi.com)  
[X@Vetsci\\_MDPI](https://twitter.com/Vetsci_MDPI)