

## Special Issue

# The Challenge of Disinfection and Sterilization in Veterinary Practice

### Message from the Guest Editors

Infection control is crucial in veterinary medicine for providing high-quality patient care and guaranteeing a safe working environment for staff in shelters, veterinary hospitals, and clinics. An essential component of infection control and biosecurity programs is the maintenance of high standards of hygiene, to provide quality care at any medical facility, including mitigation of the risk of nosocomial infection. The choice of disinfection and sterilization methods and the conditions in which they are used are critically important.

This Special Issue plans to collect the most recent advances in disinfection and sterilization methods in infection control practice in veterinary centres and shelters. Original research articles and comprehensive reviews that cover sterilization, ultraviolet disinfection, ozone disinfection, new disinfectants, hand disinfection (e.g., surgical hand antisepsis), the role of organic load/debris on the efficacy of disinfection procedures, advanced monitoring systems, and education and training in veterinary practice or shelter medicine are welcome in this Special issue.

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### Guest Editors

Dr. Ana Cláudia Coelho

Prof. Dr. Luís Cardoso

Prof. Dr. Paula Oliveira

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### Deadline for manuscript submissions

20 November 2025



## Hygiene

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*Hygiene*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[hygiene@mdpi.com](mailto:hygiene@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

The global burden of healthcare-associated infections remains an issue. The increase in the incidence of antibiotic resistance may result in the development of novel concepts to control the transmission of multi-resistant pathogens in various fields. Antiseptic tolerance towards some biocidal agents used for disinfection is being found more and more in selected bacterial species. It is therefore important to carefully balance the expected health benefits of specific hygiene measures against the likely risks and consequences associated with their implementation. I very much hope that this journal can contribute substantial knowledge on the various different aspects of hygiene. The Editorial Board Members and myself cordially invite you to share your latest findings by submitting original research and review articles as well as proposals for Special Issues.

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### Editor-in-Chief

Prof. Dr. Fernando Pérez-Rodríguez

Department of Food Science and Technology, Faculty of Veterinary,  
Agrifood Campus of International Excellence (ceiA3), University of  
Cordoba, 14014 Córdoba, Spain

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