



Pathology and Veterinary Diagnostics of Farming Animals

Guest Editor:

Prof. Dr. Tianle Xu

Agricultural Science and
Technology Development
Research Institute, Yangzhou
University, Yangzhou 225009,
China

Deadline for manuscript
submissions:

closed (25 February 2024)

Message from the Guest Editor

Dear Colleagues,

The extensive utilization of antibiotics has accelerated the spread of drug-resistant strains, so the severity of diseases caused by pathogenic bacteria is assessed according to the origin, transmission route, and clinical manifestations of the pathogenic bacteria. However, some pathogenic bacteria can cause zoonotic diseases, and the early detection of pathogenic infections can help to cut off transmission routes and may prevent epidemics of certain pathogens from spreading between humans and domestic animals.

The purpose of this Special Issue is to explore the impact of pathogenic bacteria on livestock with respect to the study of pathology and the development of rapid diagnosis techniques. We welcome the submission of original research articles or reviews addressing pathogenic bacteria in farming animals. We will also welcome investigations on the clinical signs of and pathologic changes caused by pathogenic bacteria, therapeutic measures, and on drug-resistant strains. Potential topics include, but are not limited to, mechanisms of resistance, pathogenesis, and potential preventive measures that will help establish disease prevention and control.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
Sciences, The University of
Sydney, Sydney, NSW 2006,
Australia

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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), PubAg, AGRIS, RePEc, and other databases.

Journal Rank: JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)

Contact Us

Agriculture Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agriculture
agriculture@mdpi.com
X@AgricultureMdpi