

Special Issue

Veterinary Pathology and Food Safety

Message from the Guest Editors

Veterinary pathology serves as a critical link between animal health and food safety, providing essential information regarding the mechanisms implicated animal diseases that affect the safety and quality of our food. Novel diagnostic technologies and integrated surveillance systems are enhancing our ability to detect, monitor, and control animal diseases and food contaminants. However, significant challenges related to the application of these scientific advances in real-world settings remain. Accurate diagnosis and effective intervention must often cope with variable field conditions, emerging pathogens, complex disease manifestations, and rapidly changing production practices.

The scope of this Special Issue includes innovative approaches to diagnosis, disease surveillance, the risk assessment of pathogens and contaminants, One Health perspectives, rapid detection tools, epidemiological modeling, and practical case studies in animal production and food processing.

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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