



Editorial

The German Journal of Veterinary Research-A platform for veterinary medicine and One-Health

Hafez M. Hafez^{1*} and Heinrich Neubauer²

¹Institute of Poultry Diseases, Faculty of Veterinary Medicine, Free University of Berlin, Germany

²Friedrich Loeffler Institut, Institute for Bacterial Infections and Zoonoses, Jena, Germany



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***Corresponding author:**

Hafez H. M.

E-mail: hafez.mohamed@fu-berlin.de

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Abstract

Animal health is the fundamental pre-requisite to secure global food safety and public health. Infectious animal diseases distress societies and damage international trade, and they continue to emerge and re-emerge. Research in veterinary science traditionally focuses on epidemiology, diagnosis, treatment, prevention, control, vaccine development and animal welfare. A better understanding of animal disease's nature will improve livestock health and productivity and contribute to the various efforts to foster human health. Thus, collaborative research across countries, agencies, and institutions should be supported by generous funds, a liberal legal framework, and disseminating research results globally.

Keywords: Veterinary Sciences, Animal Production, One-Health, Ger. J. Vet. Res.

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Human health is closely connected to animal health and the environment. The concept of One-Health has become more critical in recent years because the number of interactions between humans, animals, plants, and our environment has steadily increased in the last decades. On behalf of the Editorial Board of the German Journal of Veterinary Research (Ger. J. Vet. Res.), it is a privilege to write this editorial for the first issue of the journal launched recently by the German Multidisciplinary Publishing Center (GMPC). The Ger. J. Vet. Res. is an open access, peer-reviewed Journal considering different article types in all aspects of veterinary science and medicine. Research fields of interest include but are not limited to microbiology and infectious diseases, clinical studies, biochemistry, pharmacology and toxicology, anatomy and physiology, genetics, and molecular biology. The journal aims to publish high-quality and novel research on all aspects of

etiology and pathogenesis of animal diseases and zoonoses, their control and prevention, and the development of treatment and vaccines.

Believing in the importance of veterinary medicine research and serving the scientific community, GMPC will not make payment capability a barrier to publishing excellent work. If the authors or their institutions cannot cover the costs, a complete or partial waiver may be provided upon request. Currently, the journal is open to the following sections:

- *Veterinary Microbiology and Infectious Diseases:* This section focuses on domesticated vertebrate animals' bacterial and viral diseases (livestock and companion animals). Diseases of wildlife, including epidemiology, prevention, and control, are also considered. Subjects also include food safety and food microbiology.

- *Veterinary Immunology and Physiology*: This topic is concerned with all aspects of the animals' immune system.

- *Veterinary Pharmacology and Toxicology*: This section covers the development and pharmacological studies of the different classes of drugs used in veterinary medicine. The section also deals with toxins' impact on animals and the treatment of intoxications.

- *Veterinary Surgery and Clinical Research*: Orthopedics, soft tissue surgery, and neurosurgery of farm and companion animals are considered. Anesthesia, wound management, and post-operative procedures applied by veterinary surgeons are included.

- *Veterinary Anatomy and Histology*: Publications on anatomy and histology of livestock, companion animals and wildlife are considered. The development of virtual models and 3D printing for teaching purposes will be given priority.

- *Animal Production, Nutrition, and Genetics*: This section deals with food production aspects. Subjects include but are not limited to animal breeding and genetics, nutrition, and farming practices.

The success of Ger. J. Vet. Res. relies on the collaboration of all our editors, reviewers, and authors to make it a new, lively, and relevant contribution to veterinary research. We hope readers will find the first issue articles useful to stimulate their research into veterinary sciences' vibrant area. Thus, on behalf of the editorial board, we invite researchers to submit their papers for publication.

Additional Article Information

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