

Editorial

***Veterinary Sciences*—A Forum for One Medicine, One Health**

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The study of the pathophysiology and treatment of diseases of domestic animals and wildlife has much to offer to biomedical research as a whole. More importantly, it has great potential to contribute to the health and well-being of all species on the planet. Integrated thinking about animal and human health has been promulgated for centuries. However, although sometimes credited to physician, William Osler, the term “One Medicine” was coined in modern vernacular by Calvin Schwabe, who noted the interaction of humans and animals for nutrition, livelihood and health [1]. More generally, the term emphasizes that there are no fundamental differences between veterinary and human medical principles, and that each contributes knowledge to the other. “One Health” is often considered a broader term as it includes the consideration of ecosystem health, and often represents the overlap of domestic and wild animal health with human public health [2].

I would like to welcome you to *Veterinary Sciences*, a new journal dedicated to the exploration of advances in the diagnosis and management of animal diseases, particularly in the context of biomedical science as a whole. For contributing scientists seeking to publish their work, we hope to provide an open forum to address the depth of comparative medicine. We hope that the contributors’ articles will reshape how our readers think about disease manifestation and management across the animal kingdom, thereby refining the terms “One Medicine” and “One Health”.

Veterinary Sciences is a scholarly open access journal that will publish high quality research papers, reviews, communications and short notes. Submissions are welcome in subject areas relevant to the aims and scope of the journal, including the pathogenesis and treatment of disease in domestic animals, with a focus on shared mechanisms of pathogenesis with disease in humans. We hope to focus upon the science of comparative medicine, improving the understanding of species similarities and differences that will inform the use of spontaneous or induced disease in animals for biomedical research. We expect that the motivation for this research will be to improve the diagnosis and management of disease in domestic animals, man, or ideally both.

There is no restriction on the length of the papers; our aim is to encourage scientists to publish their experimental and theoretical research in as much detail as possible. Full experimental and/or

methodical details must be provided for research articles. All contributions submitted for publication in *Veterinary Sciences* are subject to rigorous peer review. The journal seeks to maintain a quick peer-review and publication process, usually within 4–8 weeks from submission, provided that no major revisions are required. Once accepted, articles will be published immediately and are freely available to readers on the Internet without any subscription or price barriers. Authors retain all copyright and the right of re-use, subject to proper attribution.

I look forward to helping establish *Veterinary Sciences* as a journal of choice for the publication of high quality research on the many aspects of animal diseases including their relationship to human disease.

References

1. Schwabe, C.W. *Veterinary Medicine and Human Health*; Williams & Wilkins: Baltimore, MD, USA, 1984.
2. Zinsstag, J.; Schelling, E.; Waltner-Toews, D.; Tanner, M. From “One Medicine” to “One Health” and Systemic Approaches to Health and Well-Being. *Prevent. Vet. Med.* **2011**, *101*, 148–156.

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