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Veterinary Drugs

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Message from the Guest Editors

Treating diseases with medicinal substances has been attempted since ancestral times, initially in a primitive and empiric way, but gradually developing into a well-defined science, with strict norms and very clear protocols. Up until quite recently, veterinary drugs have been developed together with human drugs, without clear differentiation between the two. Nevertheless, during recent decades, a clear distinction between drugs intended for human and animal use was made, although some molecules are used in both branches of medicine.

In order to prove the high quality of a veterinary drug (as demonstrated by its efficacy and safety), a certain molecule must go through a challenging process of validation, which involves top-quality scientific research and thorough testing. Thus, this Special Issue welcomes original research and reviews of literature that refer to:

- Pharmacology and pharmacokinetics of veterinary drugs;
- Toxicology studies on veterinary drugs;
- Food safety and analytical chemistry of all classes of drugs used in veterinary medicine.



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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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