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Biomarkers of Health and Welfare from a One Health Context

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Message from the Guest Editors

The One World, One Health (OH) concept established that human and animal health and the environmental state are highly interconnected and share common aspects that can be applied globally in these three components. The application of the OH approaches in health systems and research by enforcing transdisciplinary strategies was shown to generate many benefits, including increased relevant information, better decision making, economic savings, and stakeholder engagement. In this sense, biomarkers' research can benefit significantly from this approach, since the progress made in one area, e.g., human medicine, can be applied to the others, e.g., veterinary medicine and the environment, and vice versa via the adaptation of new methodologies to different species and sample types, or the application of known techniques or biomarkers in alternative contexts.

This Special Issue is focused on how the "One Health" can be applied to health and welfare biomarkers' research. The application of OH knowledge will result in increased applications and the availability of research studies and important economical savings, and will provide a more holistic vision of health and welfare.



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Special Issue



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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 3.0 (2022, ranks 12 /62 (Q1) in ‘Agriculture, Dairy & Animal Science’; 13/143 (Q1) in ‘Veterinary Sciences’), 5-Year Impact Factor: 3.2.

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