

Special Issue

Sentinel Species and Environmental Pollutants Exposure in Animal Health

Message from the Guest Editors

Environmental pollution represents a serious risk for human, animal and ecosystem. Although the significant advance in toxicological field and eco-friendly approaches, the anthropic activities are responsible of a continuous and increased diffusion of inorganic and organic contaminants (heavy metals, polycyclic aromatic hydrocarbs, PCB, pesticides, drugs, plastifying, microplastics, etc.). In the studies on pollutants exposure and risk assessment, the animal species are often used as sentinels and valid bio-indicators to evaluate the environmental pollution and, at the same time, animals health status, in consideration of their habitat. A significant contribution is given by the use of animals at the top of aquatic and terrestrial food chain, particularly predatory fishes, marine mammals, wild species, birds, insects and, recently, companion animals as sentinels of public health. This Special Issue welcomes new methodologies and research on these topics, ecotoxicological approach of analysis, risk assessment for both environment and animals health, the current state of knowledge and future directions of research in this field.

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About the Journal

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: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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