

Special Issue

Advances in Animal Poisoning and Investigative Diagnostic Toxicology: Mechanisms, Detection, and Intervention

Message from the Guest Editor

This Special Issue synthesizes current advancements in investigative diagnostic toxicology, focusing on the identification of toxicants (e.g., pesticides, heavy metals, plant alkaloids, and mycotoxins), mechanistic insights into toxin–pathway interactions, and cutting-edge analytical methodologies. Importantly, the current Special Issue will also accept basic research papers related to veterinary toxicology. Key topics include the application of advanced laboratory techniques—such as mass spectrometry (LC-MS/MS), immunoassays, and molecular biomarkers—for rapid toxicant identification in biological matrices (blood, urine, and tissues).

Guest Editor

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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: 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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