

Special Issue

Applications and Impacts of Nanotechnology in Animals

Message from the Guest Editors

Nanotechnology has been the focus of numerous studies in recent years. Nanotechnology has emerged as a new approach for diagnosis and treatment of many animal diseases as well as a tool in animal production and reproduction. On the other hand, residual nanomaterials in the environment may pose risks to animal health and welfare. The Special Issue, “**Applications and Impacts of Nanotechnology in Animals**”, aims to share information and to promote and improve new and existing knowledge about the use of nanomaterials and nanotechnology in animal reproduction, production, nutrition, health management, and veterinary medicine. Studies may include companion, farm, and wild animals. We welcome the submission of reviews and original contributions addressing topics including, but not limited to, the following:

- Nanotechnology in animal reproduction
- Nanotechnology in animal production
- Nanotechnological strategies in animal nutrition
- Nanotechnology in veterinary medicine (diagnosis and treatment)
- Nanotechnological approaches to animals' health management
- Toxicity of nanomaterials to animals

Guest Editors

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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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