

Special Issue

Nanotechnology in Animal Reproduction: Applications and Impacts

Message from the Guest Editors

Nanotechnology has been the focus of numerous studies in recent years, from diagnostic methods to treatments for countless conditions, with advancements made with the advent of nanotechnology. In animal reproduction, nanotechnology has emerged as a new approach to treating diseases, as a tool in assisted reproduction, as well as in studies of the toxic effects of nanomaterials on fertility. The Special Issue, **“Nanotechnology in Animal Reproduction: Applications and Impacts”**, aims to share information and to promote and improve new and existing knowledge about the use and effects of nanomaterials in animal reproduction, including experimental animals, pets and farm animals. Reviews and original contributions are welcome, addressing topics including, but not limited to, the following:

- Impacts of nanomaterials on animal reproductive physiology;
- Effects of nanomaterials on germ cells;
- Reproductive toxicity of nanomaterials;
- Nanotechnology in animal assisted reproduction;
- Nanotechnology therapies for reproductive affections in animals;
- Nanotechnological approaches to reproductive issues

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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