

Special Issue

Nanotechnology and Biopolymers in Veterinary and Farm Animal Health

Message from the Guest Editors

The incorporation of nanotechnology and biopolymers into veterinary practice and farm animal health is a game-changing strategy for enhancing animal welfare, production, and sustainability in agriculture. This Special Issue, *"Nanotechnology and Biopolymers in Veterinary and Farm Animal Health"* addresses the novel applications of nanomaterials and biodegradable polymers in the fields of diagnostics, drug administration, disease prevention, and farm animal feeding. Nanotechnology offers a myriad of applications in veterinary and farm animal health while biopolymers are also making a considerable impact due to their biodegradability, low cost, and being environmentally safer alternatives to synthetic carriers. The variety of applications indicates there are numerous potentials uses that might be pursued in order to achieve either efficacious treatments or diagnostics or a reduction in the use of therapeutic agents in animals. This Issue encourages research into the development, characterization, and practical application of these new materials, with a focus on enhancing animal health and farm productivity.

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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