



**animals**



*Special Issue Reprint*

## Nanotechnology in Animal Science

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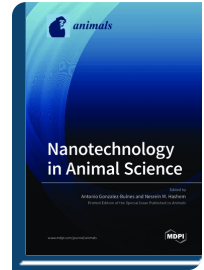
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Recently, a revolution in nanotechnology has pervaded all fields related to animal science. This book collection focuses on the potential applications of nanotechnology in the field of animal science, particularly livestock production and medication. The studies/reviews published in this book show the preparation protocols and physiochemical and biological properties of the innovated nanoparticles, designated for different purposes. This is in line with the potential hazards of these materials. The book collection shows that nanoparticles and nanoparticle-based systems can be developed to serve different purposes in the field of animal production and veterinary, such as the management of reproduction and assisted reproductive techniques, rapid and robust disease diagnosis and treatment, drug delivery, and animal nutrition.



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