

Special Issue

Metal-Based Nanoparticles for Pharmaceutical Applications

Message from the Guest Editors

Metal-based nanoparticles (MNPs) stand out as nanotechnological solutions for a wide range of open biological and medical physio/pathological questions in biomedicine. Their optical, magnetic, and electrical activities make them very important as nanoparticle-based image tools to be used in early diagnoses; furthermore, their capability to generate reactive oxygen species (ROS), possessing multiple biological functions in health and disease, suggests their potential exploitation for the development of new therapies. Finally, their potential use as theranostic agents could result in great and exciting progressions for personalized medicine. This Special Issue aims to collect manuscripts from all scientists producing and/or applying metal nanoparticles in a diagnostic, therapeutic, or theranostics context, providing an insight into the latest advances in the field of nanomedicine with emphasis on the benefits, limitations, and future directions of utilizing metal nanoparticles in pharmaceutical applications. Original research papers and review articles are warmly welcomed.

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Editor-in-Chief

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