

## Special Issue

# Metal Based Nano and Microparticles for Drug Delivery and Antibacterial Applications

### Message from the Guest Editors

Due to the outbreak of infectious diseases caused by different pathogenic microorganisms and antibiotic resistance development, pharmaceutical companies and researchers search for new agents. In this context, the development of new materials such as Metal Based Nano particles and the fabrication of high-performance materials created a proper opportunity for authorities to replace common for Biomedical Applications platforms with novel technologies based on nanomaterials. Among the most attractive ones, Metal Based Nano particles have attracted noteworthy attention and revolutionize features of Biomedical Applications platforms and advanced drug delivery and Antibacterial. Current Special Issue tried to bring together the new trends and studies in antimicrobial and drug delivery applications of Metal Based Nano particles in various fields. This Special Issue is welcome to recent signs of progress in synthesis, especially green and bio synthesis, characterization of Metal Based Nano particles, especially -for Biomedical and newly emerged.

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### Guest Editors

Dr. Seyyed Mojtaba Mousavi

Dr. Ahmad Gholami

Prof. Dr. Wei-Hung Chiang

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### Deadline for manuscript submissions

closed (30 April 2023)



## Materials

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### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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