## Special Issue

# Metal and Ceramics Composite Materials for Prosthetic Hip and Knee Joint Replacement

## Message from the Guest Editor

Joint replacement surgery is a successful and consolidated branch of orthopaedics. It is a progressive achievement in alleviating pain and disability, helping patients to return to an active life. The research of new biomaterials plays an important role, and, as a consequence, in vitro tests for such materials are of great importance. Knowledge of the laboratory wear rate is an important aspect in the preclinical validation of prostheses. The research and development of wear-resistant materials continues to be a high priority, in order to evaluate the performance of the new materials intended to reduce wear it is essential to ascertaining their efficacy and to prevent the possibility of unexpected failure. For more information, please click the following link:

https://www.mdpi.com/journal/materials/special\_issues

metal\_ceramics\_joint-replcaement

## **Guest Editor**

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## Deadline for manuscript submissions

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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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