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Biocompatibility Evaluation of Biomaterials

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Message from the Guest Editor

Dear Colleagues,

Following decades of improvements, dental implants have now become a reliable treatment option for the replacement of missing teeth in both partial and complete edentulous patients. Biocompatibility is formally defined as the ability of a material to elicit an appropriate biological response in a given application in the body.

In dentistry, research on the biocompatibility of new materials prior to their clinical application is much needed, as compounds may potentially damage the surrounding tissues, stimulating adverse reactions including toxicity, allergy or carcinogenicity, ultimately affecting the tissue renewal process and leading to the development and/or maintenance of exacerbated inflammatory responses.

This Special Issue will focus on the biocompatibility and bioactivity and clinical outcome of dental implants and their impact on clinical practice. Full papers of original articles, communications, and review articles are all welcome.

Dr. Mario Beretta
Guest Editor



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