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# **Nano-Engineering Solutions for Dental Implant Applications**

Guest Editor:

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## **Message from the Guest Editor**

Dental implant failure due to lack of integration (between implant and tissue) and bacterial infection presents a major health and economic challenge, especially in patients with ongoing conditions. This Special Issue will shine light on recent nano-engineering advances that revolutionize dental implant technology, by creating the next generation of implants capable of providing maximum local therapy to drastically reduce implant failures. Various nano-engineering strategies have been applied in dentistry augmented osseo-integration, soft-tissue to enable integration, and antibacterial functions from the surface of dental implants. From enhanced surface bioactivity to local drug therapy, nano-scale surface modification of dental implants has attracted attention in alleviating challenges associated with long-term implant success especially in compromised conditions.

For further reading, please follow the link to the Special Issue Website at: http://www.mdpi.com/si/56574

Dr. Karan Gulati Guest Editor











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## **Message from the Editor-in-Chief**

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