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Tissue Engineering Approaches for Regenerative Dentistry

Guest Editor:

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Deadline for manuscript submissions:
closed (31 January 2022)

Message from the Guest Editor

Dear Colleagues,

Regenerative approaches in dentistry provide a potential treatment for oral disease and reconstruction of the tissues that are otherwise lost or cannot be replaced by biological tissues. Tissue regeneration requires the triad of tissue engineering (growth factors, scaffold, and stem cells) to induce tissue healing in the sterile environment, while it also requires bacterial and inflammatory control during the treatment of infectious disease in the oral cavity. Although regenerative treatment approaches have good clinical outcomes in most case reports, outcomes are still unpredictable. For this reason, innovative and novel biomaterials, anti-microbial, and anti-inflammatory protocols are required to improve tissue regeneration for dental applications.

We would like to invite you to submit your research regarding potential and novel biomaterials and treatment protocols for dental tissue regeneration in the oral cavity to contribute to this unique and compelling area where tissue regeneration needs to be achieved in a balance with inflammatory and microbial control. Please refer to the following keywords below to submit to this Special Issue.

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Message from the Editor-in-Chief

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