# Special Issue

# Modulating Therapeutic Properties of Oral Tissue-Derived Mesenchymal Stem Cells

## Message from the Guest Editor

Mesenchymal stem cells have been shown to exhibit significant regenerative potential and have also shown immunomodulatory properties, allowing them to be introduced into a host without eliciting any adverse immune response. Additionally, mesenchymal stem cells have been shown to exhibit tropism toward injured/pathological sites, thus allowing for a targeted therapeutic modality. Oral-tissue-derived mesenchymal stem cells have gained popularity due to their ready availability, especially mesenchymal stem cells derived from the exfoliated human primary tooth and the human permanent tooth extracted for orthodontic purposes. Despite the increasing number of applications of oral-tissue-derived mesenchymal stem cells, their regenerative potential has been shown to exhibit limitations. The present Special Issue will focus on the augmentation of the regenerative potential of oral-tissue-derived mesenchymal stem cells through pre-conditioning with various pharmaceutical agents.

## Guest Editor

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## Deadline for manuscript submissions

closed (30 June 2022)

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## Message from the Editor-in-Chief

*Journal of Personalized Medicine* is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on "omics"-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical
subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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