

Special Issue

Regenerative Dentistry: A New Paradigm in Oral Health Care

Message from the Guest Editors

This issue calls for pioneering research and critical reviews that explore the development, evaluation, and implementation of regenerative strategies across the spectrum of dental and craniofacial tissues, including dental pulp, dentin, periodontal ligaments, alveolar bone, oral mucosa, and temporomandibular structures.

Recent progress in stem cell biology, bioactive scaffolding, tissue engineering, and bioprinting, in conjunction with insights from immunology, molecular signaling, and clinical trial design, has facilitated the accelerated clinical adoption of regenerative therapies. Moreover, the convergence of three-dimensional (3D) technologies, omics platforms, and artificial intelligence (AI)-guided treatment planning facilitates the development of highly customized dental regeneration strategies.

We welcome original research articles, systematic reviews, and short communications that address both the experimental and clinical aspects of regenerative dental science. Submissions that explore interdisciplinary strategies or bridge the gap between bench and bedside are especially encouraged.

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Medicina* (ISSN: 1648-9144). *Medicina* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on medicine. The scientific community and the general public can access the content free of charge as soon as it is published.

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