

Special Issue

Current Trends in Regenerative Medicine: Less is More Effective

Message from the Guest Editor

In recent years, bone regeneration has been one of the trend topics in dental literature as it encompasses an increasingly wide range of concepts. The clinical demand for ever-more functional and esthetically pleasing results has challenged researchers to reach new standards. Different conceptual gaps are yet to be filled—the interaction of surface topographical parameters upon attachment, morphology, and proliferation, and the differentiation of cells, are tricky subjects that demand attention. There are some major conditions to regeneration: appropriate wound size, rich blood supply, oxygenation, nutrition, angiogenesis, space maintenance, clot stability, and eventual implant stability. There is a growing feeling in regenerative medicine that “less is more”, with different authors deciding to treat hard and soft tissue regeneration as simply as possible. For example, extractive alveolus is a composite wound containing connective tissue, mesenchymal cells, blood, and lymphatic vessels: in the last few years, the granulation tissue has been also addressed as a potential source of stem cells for different oral regenerative procedures.

Guest Editor

Dr. Simone Marconcini

Research Fellow Tuscan Dental Institute, Foundation for Clinic, Research and Continuing Education in Dentistry, Lido di Camaiore, Italy

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4052 Basel, Switzerland
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Prof. Dr. Edgaras Stankevičius
Medical Academy, Lithuanian University of Health Sciences, Kaunas,
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