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Stem and Progenitor Cells in Bone Regeneration

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

Bone possesses a remarkable innate capacity to self-repair by restoring the original biological, functional, and structural characteristics of the injured site. Bone healing occurs via the direct formation of a new bone matrix at the injured site in the case of small and fully stabilized fractures (direct or primary healing), or via the intermediate formation of a cartilaginous template aiming to stabilize the fracture site that will later remodel into new bone tissue (endochondral ossification). In both cases, stem cells are key players in the healing process and outcome. For the present Special Issue, entitled "Stem and Progenitor Cells in Bone Regeneration", we aim to bring together a collection of original or review articles of basic science, preclinical, and clinical studies about stem cells in the context of bone healing and regeneration. Opinion letters, as well as articles related to regulatory considerations in the use of stem cells for bone regeneration in the clinic, are also welcome.

Dr. Sophie Verrier
Guest Editor



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Special Issue



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