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## Reconstruction of Bone Defects

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Deadline for manuscript submissions:

**28 February 2025**

### **Message from the Guest Editors**

Bone defects still represent a major challenge for orthopedic and trauma surgeons. They are serious complications that are most commonly caused by trauma, tumor, infection, and failed arthroplasty or congenital musculoskeletal disorders.

This Special Issue aims to detail the latest progress and research in treating bone defects, touching on biomechanics, implants, biomaterials, and clinical outcomes. We welcome submissions of original research and comprehensive review perspectives, including, but not limited, to the following fields:

- Bone and fracture biomechanics;
- Bone healing;
- Critical size bone defects;
- Fracture non-union;
- Inflammation;
- Joint arthroplasty and fracture osteosynthesis;
- Implant designs;
- Materials properties;
- Patient selection;
- Primary and revision settings.



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**Special** Issue



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## Message from the Editor-in-Chief

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