



## Clinical Therapeutic Advances in Bone Fractures

Guest Editors:

**Dr. Simon Hackl**

Department of Trauma Surgery,  
BG Unfallklinik Murnau,  
Professor-Küntschers-Str. 8,  
82418, Murnau am Staffelsee,  
Germany

**Dr. Eva Simone Steinhausen**

1. Department of Orthopedic and  
Trauma Surgery, BG Klinikum  
Duisburg, University of Duisburg-  
Essen, Großenbaumer Allee 250,  
47249, Duisburg, Germany  
2. Department of Trauma, Hand  
and Reconstructive Surgery,  
University Hospital Duisburg-  
Essen, Essen, Germany

Deadline for manuscript  
submissions:

**closed (31 December 2025)**

### Message from the Guest Editors

In recent years, there have been significant therapeutic advances in the management of bone fractures, from diagnostic methods to the ongoing optimization of fracture healing, as well as the rehabilitation of patients returning to work.

This Special Issue on “Clinical Therapeutic Advances in Bone Fractures” is dedicated to showcasing innovations in the treatment of bone fractures. These approaches to bone repair include biological methods such as bone morphogenetic proteins or stem cells, as well as orthobiologics like bone substitutes that provide scaffolding for new bone formation and aid in fracture stabilization. Additionally, biomechanical enhancements, minimally invasive surgical techniques, and enhanced rehabilitation protocols can optimize functional recovery and prevent complications such as fracture-related infections, nonunion, and functional deficits. Furthermore, the utilization of molecular diagnostics and technological innovations such as 3D printing for the creation of patient-specific implants and scaffolds allows clinicians to improve the precision and effectiveness of fracture fixation and bone regeneration.





an Open Access Journal by MDPI

## Editors-in-Chief

### **Prof. Dr. Emmanuel Andrès**

Internal Medicine Department,  
University Hospital Strasbourg,  
67081 Strasbourg, France

### **Prof. Dr. Kent Doi**

Department of Emergency and  
Critical Care Medicine, The  
University of Tokyo, Tokyo, Japan

## Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's (JCM)* staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)

## Contact Us

---

*Journal of Clinical Medicine* Editorial  
Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/jcm](http://mdpi.com/journal/jcm)  
[jcm@mdpi.com](mailto:jcm@mdpi.com)  
[X@JCM\\_MDPI](https://twitter.com/JCM_MDPI)