

Special Issue

Recent Advances in Hip and Knee Surgery

Message from the Guest Editor

The field of hip and knee surgery has witnessed remarkable progress in recent years, driven by technological innovations, refined surgical techniques, and an evolving understanding of joint biomechanics and patient-specific needs. This Special Issue, “Recent Advances in Hip and Knee Surgery”, aims to collect high-quality original research articles, reviews, and clinical studies that explore the latest developments in this rapidly evolving area. The goal of this Special Issue is to provide orthopedic surgeons, researchers, and healthcare professionals with a comprehensive overview of current trends and future directions in hip and knee surgery. By fostering interdisciplinary dialogue and sharing evidence-based innovations, this collection seeks to contribute to the improvement of surgical outcomes, patient satisfaction, and long-term joint function in both primary and revision arthroplasty. We welcome contributions from both clinical and basic science perspectives, encouraging international collaboration and diverse methodologies that reflect the complexity and dynamism of contemporary orthopedic practice.

Guest Editor

Prof. Dr. Umile Giuseppe Longo

Department of Orthopaedic and Trauma Surgery, Università Campus Bio-Medico di Roma, Via Alvaro del Portillo, 00128 Rome, Italy

Deadline for manuscript submissions

31 January 2027



Osteology

an Open Access Journal
by MDPI



mdpi.com/si/242336

Osteology
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
osteology@mdpi.com

[mdpi.com/journal/
osteology](https://mdpi.com/journal/osteology)





Osteology

an Open Access Journal
by MDPI



[mdpi.com/journal/
osteology](https://mdpi.com/journal/osteology)



About the Journal

Message from the Editor-in-Chief

The field of osteology is rapidly evolving. Recent discoveries have transformed our understanding of bone metabolism, healing mechanisms, and the management of skeletal disorders. A deeper insight into the biological and clinical processes underlying bone repair and regeneration offers new opportunities to enhance patient care and therapeutic strategies.

Osteology was established with this vision in mind. *Osteology* is an international, peer-reviewed, open access journal dedicated to basic and clinical research in bone science, published quarterly online by MDPI. Supported by a dynamic scientific community, the journal is committed to excellence through a rigorous and transparent peer-review process.

We invite researchers worldwide to submit high-quality clinical and experimental studies to advance innovation and knowledge in osteology.

Editor-in-Chief

Prof. Dr. Umile Giuseppe Longo

Department of Orthopaedic and Trauma Surgery, Università Campus Bio-Medico di Roma, Via Alvaro del Portillo, 00128 Rome, Italy

Author Benefits

Open Access:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25 days after submission; acceptance to publication is undertaken in 5.7 days (median values for papers published in this journal in the second half of 2025).

Recognition of Reviewers

: APC discount vouchers, optional signed peer review, and reviewer names published annually in the journal.