

Special Issue

The World of the Elderly: Aging-Related Diseases of Bone, Muscle, and Cartilage

Message from the Guest Editor

Osteoporosis and osteoarthritis rank among the major aging-related diseases, as during this process, there is a decrease in the strength and quality of bone tissue which can sometimes accompany the concomitant tissue degeneration of articular cartilage typical of osteoarthritis, which can occur both in old age and in adulthood, around 40–50 years of age. A decrease in bone mineral density, very frequently, is needed in parallel with a progressive loss of muscle mass, strength, and function, a scenario which characterizes a newly defined syndrome known as osteosarcopenia. The purpose of this Special Issue is to direct research toward a deeper understanding of the pathophysiological mechanisms of the major aging-related pathologies of the musculoskeletal system, focusing on the investigation of potential new mechanisms underlying the onset of these pathologies, especially those that prominently involve cellular senescence, investigating both clinical aspects, related to diagnostic and therapeutic strategies and basic science.

Guest Editor

Prof. Dr. Umberto Tarantino

1. Department of Clinical Sciences and Translational Medicine, University of Rome Tor Vergata, Via Montpellier 1, 00133 Rome, Italy
2. Department of Orthopaedics and Traumatology, "Policlinico Tor Vergata" Foundation, Viale Oxford 81, 00133 Rome Italy

Deadline for manuscript submissions

closed (25 May 2024)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/152422

Journal of Clinical Medicine
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcm@mdpi.com

mdpi.com/journal/

jcm





Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



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

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



About the Journal

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!

Editors-in-Chief

Prof. Dr. Emmanuel Andr  s

Internal Medicine Department, University Hospital Strasbourg, 67000
Strasbourg, France

Prof. Dr. Kent Doi

Department of Acute Care Medicine, University of Tokyo, Tokyo, Japan

Author Benefits

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)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).