

Special Issue

Osteochondral Lesions: Current Knowledge and Future Perspectives

Message from the Guest Editors

Osteochondral lesions (OCLs) have been recognized in both pediatric and adult patients as a challenging entity, presenting either as acute, subacute or even chronic conditions. OCLs are clinically associated with significant morbidity and may impair the quality of life. Scientific investigations have focused on OCLs as the cause of symptomatic joint dysfunction and premature articular degeneration for more than a century, but the exact etiology and ideal management remain unknown. For unstable symptomatic lesions, a variety of interventions have been applied, including techniques to stimulate subchondral revascularization, promote parent–progeny healing, and restore anatomic joint congruity. Surgical strategies after failed nonoperative treatment involve unstable fragment fixation, bone marrow stimulation, autologous and allograft transplantation, biomaterials, scaffolds, cells, and adjuvant therapies.

The purpose of this Special Issue is to investigate current epidemiology, established and innovative strategies and future perspectives for the management of osteochondral lesions.

Guest Editors

Dr. Christian David Weber

Department of Orthopaedics, Trauma and Reconstructive Surgery,
RWTH Aachen University, Pauwelsstr. 30, 52074 Aachen, Germany

Dr. Filippo Migliorini

Department of Trauma and Reconstructive Surgery, RWTH University
Hospital Aachen, Puwelsstrasse 30, 52074 Aachen, Germany

Deadline for manuscript submissions

closed (15 August 2023)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/104921

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

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





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)