

Special Issue

The Role of the Microenvironment in Multiple Myeloma: From Biology to Clinical Practice

Message from the Guest Editor

Multiple myeloma (MM) is an incurable hematological malignancy characterized by bone marrow (BM) infiltration by clonal plasma cells. Myeloma pathophysiology depends on several oncogenic events occurring in MM cells, and on extracellular factors, such as dynamic interactions between MM cells and the BM microenvironment, which are attributed to the clinical presentation of MM as well as to the progression of the precursor state of monoclonal gammopathy of undetermined significance (MGUS) to overt MM. Bone marrow microenvironment can be functionally divided into a cellular and non-cellular compartment, each of which have components playing distinct but interacting roles in the progression of MM. In this Special Issue, we will discuss the role of the BM microenvironment in MM cell growth and disease progression, as well as how this knowledge could be incorporated into the therapeutic design, to prevent MM progression, improve survival, and offer to our patients in the clinical setting a probability of cure.

Guest Editor

Dr. Eirini Katodritou

Department of Hematology, Theagenion Cancer Hospital, A. Symeonidi 2, 54639 Thessaloniki, Greece

Deadline for manuscript submissions

closed (30 November 2023)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/61956

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/
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).