

Special Issue

Treatment of Glioblastoma: Current Challenges and Future Prospects

Message from the Guest Editor

Glioblastoma (GBM) is the most common primary malignant brain tumor. The current standard of care treatment for GBM includes maximal safe surgical resection with neuromonitoring followed by concurrent chemoradiation therapy and maintenance chemotherapy with temozolomide. Recently, novel therapeutic approaches such as immunotherapy and electric field therapy have been introduced. Once tumors progress after first-line therapy, treatment options are limited and the management of recurrent glioblastoma remains challenging. In recent years, new treatments have been tested on recurrent glioblastoma patients. These include immunotherapy, antiangiogenic treatment, targeted therapy and combination regimens. Local therapy with re-surgery or re-irradiation and traditional systemic therapy with nitrosoureas and temozolomide showed limited efficacy. In particular, molecular targeted therapy could show efficacy in selected patients with specific gene mutations. This Special Issue is aiming to collect original articles and reviews related to diagnostic, therapeutic and experimental models in primary and recurrent GBM.

Guest Editor

Prof. Dr. Marco Stein

Department of Neurosurgery, Justus-Liebig-University, 35392 Gießen, Germany

Deadline for manuscript submissions

closed (30 June 2024)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.7
Indexed in PubMed



mdpi.com/si/187875

Journal of Clinical Medicine
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 3.0
CiteScore 5.7
Indexed in PubMed



mdpi.com/journal/

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



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 Andrès

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 17.3 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 2024).