

Special Issue

Clinical Application of Radiotherapy in Modern Oncology

Message from the Guest Editors

Radiotherapy (RT) is an integral part of modern cancer treatment besides surgery and systemic treatment, including targeted therapy and immune checkpoint inhibition. It can be used in the management of almost all cancers as a curative treatment for palliate symptoms or as a prophylactic treatment. Recent advances, including intensity-modulated RT, volumetric-modulated arc therapy, stereotactic body RT, adaptive RT, MR guidance and modern brachytherapy, have improved radiation targeting, thereby limiting the radiation exposure of healthy tissues. This Special Issue will cover the following important topics regarding the application of RT in oncology. The topics of interest include, but not restricted to, the following: brain metastasis, bone metastasis, brain tumors, head and neck cancers, lung cancer, mesothelioma, thymoma, thymic carcinoma, breast cancer, prostate cancer and sarcoma. We look forward to your contributions and advancing our collective knowledge about the role of radiotherapy in modern oncology.

Guest Editors

Dr. Lukas Käsmann

Department of Radiation Oncology, Ludwig-Maximilian University of Munich, 81377 Munich, Germany

Dr. Fabian Weykamp

1. Department of Radiation Oncology, Heidelberg University Hospital, 69120 Heidelberg, Germany

2. Clinical Cooperation Unit Radiation Oncology, German Cancer Research Center (DKFZ), 69120 Heidelberg, Germany

Deadline for manuscript submissions

30 July 2025



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/205813

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).