

## Special Issue

# Radiomics and Machine Learning for Medical Imaging

### Message from the Guest Editor

Radiomics is an emerging field that focuses on the extraction of quantitative features from radiological images to predict clinical outcomes. Deep learning algorithms can be trained to analyze large amounts of imaging data, identify subtle patterns, and generate predictive models that can be used to facilitate clinical decision making. The integration of radiomics with deep learning has the potential to revolutionize radiology by improving diagnostic accuracy, enabling personalized treatment, and facilitating the development of precision medicine. Radiomics and deep learning have already shown promising results in cancer diagnosis and treatment planning, but there are still challenges to be addressed, e.g., to standardize radiomic features, to optimize deep learning algorithms, and to deploy these tools into clinical practice. Despite these challenges, radiomics and deep learning present exciting opportunities for innovation and progress in radiology, and we encourage the submission of papers that consider innovative approaches in this field for this Special Issue.

---

### Guest Editor

Dr. Lei Qin

1. Department of Imaging, Dana-Farber Cancer Institute, Harvard Medical School, Boston, MA, USA
2. Department of Radiology, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

---

### Deadline for manuscript submissions

closed (1 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/165432](https://mdpi.com/si/165432)

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

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

[jcm](https://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](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, 67081  
Strasbourg, France

Prof. Dr. Kent Doi

Department of Emergency and Critical Care Medicine, The 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 18.5 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).