

Special Issue

Clinical Application of Artificial Intelligence in Vascular Surgery

Message from the Guest Editor

Artificial intelligence (AI) has brought new opportunities in healthcare, with a wide range of clinical applications in vascular diseases. From the field of vision and imaging analysis, to machine learning (ML), natural language processing (NLP) and innovative devices, AI has the potential to revolutionize vascular surgery. Various applications can be expected including diagnosis and screening of vascular diseases, prediction models and assessment of the prognosis of patients, surgical planning, follow-up, enhancement of health information system, new tools for public health surveillance and new methods for educational programs. We have entered into a new era where AI and digital health will contribute to improve care for patients and develop precision medicine. In this Special Issue, we encourage authors to submit papers related to applications of AI in vascular surgery including clinical applications, innovative tools and methods for vascular research and education.

Guest Editor

Dr. Juliette Raffort

1. Clinical Chemistry Laboratory, University Hospital of Nice, 06001 Nice, France
2. CNRS, Université Côte d'Azur, UMR7370, LP2M, Nice, France
3. Institute 3IA Côte d'Azur, Université Côte d'Azur, 06204 Nice, France

Deadline for manuscript submissions

closed (25 September 2025)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/228955

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 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).