

## Special Issue

# Retinal Microvasculature in Health and Disease

### Message from the Guest Editors

The retina is a unique tissue that allows conveniently visualizing the smallest blood vessels. Fundus imaging and optical coherence tomography can capture structural blood vessel changes, while techniques such as dynamic vessel analysis characterize the functional status of the retinal microvasculature. Retinal metrics derived from these imaging techniques have been used in clinical and epidemiological studies and public health investigations. These metrics have the potential to identify the early effects of health risk factors (such as physical (in)activity, air pollution, dietary factors, etc.), map physiological changes (such as endothelial dysfunction, vascular reactivity, etc.), and differentiate between disease severities (diabetes, cardiovascular complications, etc.). This special issue welcomes submissions on state-of-the-art investigations that use retinal image analysis, including artificial intelligence, to measure the status of the microvasculature in health and disease. Please click [here](#) for more information.

### Guest Editors

Prof. Dr. Nandu Goswami

1. Division of Physiology, Otto Loewi Research Center for Vascular Biology, Immunology and Inflammation, Medical University of Graz, Auenbruggerpl. 2, 8036 Graz, Austria
2. Center for Spaceflight and Aviation Health, Mohammed Bin Rashid University of Medicine and Health Sciences, Dubai, United Arab Emirates

Prof. Dr. Patrick De Boever

1. Centre for Environmental Sciences, Hasselt University, 2610 Wilrijk, Belgium
2. Centre of Excellence Microbial Systems Technology, University of Antwerp, 2610 Wilrijk, Belgium

### Deadline for manuscript submissions

closed (30 June 2022)



## Journal of Clinical Medicine

an Open Access Journal  
by MDPI

Impact Factor 3.0  
CiteScore 5.7  
Indexed in PubMed



[mdpi.com/si/90193](https://mdpi.com/si/90193)

*Journal of Clinical Medicine*  
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 3.0  
CiteScore 5.7  
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, 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).