



Retinal Microvasculature in Health and Disease

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

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

Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editors

Dear Colleagues,

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.





an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Emmanuel Andrès

Internal Medicine Department,
University Hospital Strasbourg,
67000 Strasbourg, France

Prof. Dr. Kent Doi

Department of Emergency and
Critical Care Medicine, University
of Tokyo, Tokyo 113-8655, Japan

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!

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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)

Contact Us

Journal of Clinical Medicine Editorial
Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jcm
jcm@mdpi.com
[X@JCM_MDPI](https://twitter.com/JCM_MDPI)