

## Special Issue

# COVID-19 and Its Cardiovascular Effects: Risk Factors, Prevention and Management

### Message from the Guest Editors

In the different clinical manifestation of COVID-19, it's reported its hypercoagulative status, with acute thrombosis, over-inflammation and endothelial dysfunction. Subjects at higher risk of worse prognosis (intubation, mechanical ventilation, ICU admission) and death could be conditioned by metabolic dysfunction, and there was a higher avidity of intramyocardial binding between ACE2 and SARS-CoV-2, with a consequent higher rate of myocarditis, cardiac complications, heart failure (HF) and deaths.

This Special Issue focused on cardiovascular effects in COVID-19 patients, we expect research concerning new diagnostic and therapeutic approaches related to molecular, cellular, and epigenetic biomarkers of cardiovascular disease in COVID-19 patients (Note that case reports and short reviews are not accepted).

### Keywords

- COVID-19
- hypertension
- diabetes mellitus
- cardiovascular disease

---

### Guest Editors

Prof. Dr. Raffaele Marfella

Department of Advanced Medical and Surgical Sciences, University of Campania Luigi Vanvitelli, 80138 Naples, Italy

Prof. Dr. Celestino Sardu

1. Department of Advanced Medical and Surgical Sciences, University of Campania "Luigi Vanvitelli", Naples, Italy
2. Department of Internal Medicine, Saint Camillus University, Rome, Italy
3. Department of Cardiovascular Diseases and Cardiovascular Surgery, "Gemelli Molise Sp.a.", Campobasso, Italy

---

### Deadline for manuscript submissions

closed (20 January 2023)



## Journal of Clinical Medicine

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/109135](https://mdpi.com/si/109135)

*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://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).