Special Issue

Pulmonary Hypertension: Pathophysiology, Innovative Exploration and Therapies

Message from the Guest Editors

Pulmonary hypertension (PH) is a haemodynamic condition defined by a pulmonary artery mean pressure (mPAP) > 20 mmHg measured at rest during right heart catheterisation. It is the consequence of various causes divided into five etiological groups. Group 1 is a category of rare pulmonary arterial diseases called pulmonary arterial hypertension (PAH). Despite the encouraging therapeutic options targeting different pathophysiological pathways, PAH is still associated with a poor outcome and may lead to lung transplantation. PH also frequently complicates chronic heart (group 2) or lung (group 3) diseases where it is a predictor of mortality. Chronic thromboembolic PH belongs to group 4. Group 5 includes PH of unknown or multifactorial mechanisms. The variety of PH aetiologies can therefore produce a real diagnostic and therapeutic challenge for patients addressed in pulmonary vascular expert centres. The accuracy of the diagnosis requires comprehensive work-up and insight into the implicated pathobiological and pathophysiological mechanisms. It also requires precise and reliable diagnostic tools.

Guest Editors

Dr. Frédéric Lador

Department of Medicine, Division of Pulmonary Diseases, Geneva University Hospitals, Geneva, Switzerland

Dr. Benoit Lechartier

Division of Pulmonary Medicine, Lausanne University Hospital (CHUV), Lausanne, Switzerland

Deadline for manuscript submissions

closed (25 May 2023)



Journal of Clinical <u>Medici</u>ne

an Open Access Journal by MDPI

Impact Factor 2.9 CiteScore 5.2 Indexed in PubMed



mdpi.com/si/119284

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





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 Emergency and Critical 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 17.7 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 2025).