

Special Issue

Pathogenesis of the Homeostatic Failure of Ocular Surface as Morpho-Functional Unit

Message from the Guest Editor

The ocular surface is a complex, morpho-functional unit in which multiple anatomical and cellular components cooperate to preserve homeostasis. However, if dysregulated, it may trigger overt inflammation, resulting in the clinical signs observed in several ocular chronic disorders. Such dysfunction may possibly be due to neurogenic, immune, metabolic and hormonal alterations which dysregulate the normal healthy equilibrium. In such patients, the dysregulated inflammatory response is not self-limiting but persistent, leading to a critical shift in homeostatic baseline towards inflammation with changes in immune-responsiveness and vulnerability to illness, underlining the loss of homeostatic ability of ocular surface, as in other conditions, such as ageing. The aim of this Special Issue is to investigate clinical and molecular inflammatory changes at the ocular surface in several ocular surface diseases in which such homeostatic mechanisms are dysregulated, showing persistent-chronic, subclinical or excessive inflammatory response despite the insult.

Guest Editor

Dr. Antonio Di Zazzo

Ophthalmology Complex Unit, Campus Bio-Medico University Hospital, Rome, Italy

Deadline for manuscript submissions

closed (25 September 2021)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/53929

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 Andr  s

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 17.7 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).