

## Special Issue

# Advances in the Treatment of Retinal Detachment

### Message from the Guest Editor

Most rhegmatogenous retinal detachments are rapidly progressive conditions that can lead to blindness if left untreated. Until around 1990, initial surgery for rhegmatogenous retinal detachment underwent mainly with scleral buckling, and vitrectomy was performed only for rhegmatogenous retinal detachment associated with retinal break located deeply and for proliferative vitreoretinopathy (PVR). The subsequent introduction of small-incision vitrectomy and wide-angle viewing systems have improved the efficacy and safety of vitrectomy, which is believed to be the reason for its widespread use as the initial surgery for rhegmatogenous retinal detachment. Even if the initial retinal reattachment rate improves, however, postoperative visual acuity will deteriorate if PVR or macular pucker occurs, even if the patient undergoes reoperation. Drugs to prevent PVR such as methotrexate and prophylactic internal limiting membrane peeling have also been reported. This Section discusses recent advances in the treatment of retinal detachment.

### Guest Editor

Prof. Dr. Makoto Inoue

Department of Ophthalmology, Kyorin University School of Medicine, 6-20-2, Shinkawa, Mitaka, Tokyo 181-8611, Japan

### Deadline for manuscript submissions

closed (20 June 2023)



## Journal of Clinical Medicine

an Open Access Journal  
by MDPI

Impact Factor 2.9  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/129502](https://mdpi.com/si/129502)

*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/  
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).