Special Issue

Diabetic Retinopathy Screening: Current Advances and Future Options

Message from the Guest Editors

Diabetic retinopathy (DR) is a common complication of diabetes and remains a leading cause of severe vision loss and blindness. Existing research on DR has delved into its histopathology in order to understand the associated tissue changes. In addition, imaging modalities such as fundus photography and OCT have been used for screening and evaluation, with screening guidelines being employed to determine when and who to screen. AI-based screening is emerging as a useful approach. This Special Issue aims to present studies that address DR screening and evaluation using existing imaging modalities; assess DR screening and the prediction of DR progression using AI-based approaches; provide comprehensive reviews of current advances; and evaluate the adoption of DR screening tools in the primary care physician (PCP) setting, the cost-effectiveness of DR screening using public health data, and the future directions of DR screening.

Guest Editors

Dr. Alauddin Bhuiyan
iHealthScreen Inc., Richmond Hill, NY 11418, USA
Prof. Dr. Roland Theodore Smith
New York Eye and Ear Infirmary, The Mount Sinai Hospital, New York, NY 10003, USA

Deadline for manuscript submissions

30 April 2026

Journal of Clinical Medicine

an Open Access Journal by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/231293

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

MDPI

Journal of Clinical Medicine

an Open Access Journal by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed

mdpi.com/journal/jcm

MDPI

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).