

## Special Issue

# Imaging and AI Applications in Glaucoma

### Message from the Guest Editor

This Special Issue will delve into the recent advancements in imaging modalities and AI applications that are poised to reshape the landscape of glaucoma management. This Special Issue will cover a broad spectrum of topics, including, but not limited to, the following:

- Advanced imaging technologies: early diagnosis, progression detection of OCT, or OCT angiography.
- AI in glaucoma diagnosis and prognosis:
  - Machine learning algorithms and deep learning models designed for early detection of glaucoma through automated image analysis of OCT scans, fundus photographs, and visual field tests.
  - Predictive modeling using AI to assess the risk of glaucoma progression, aiding in timely intervention and personalized treatment plans.
- Clinical applications and case studies:
  - Real-world applications of AI in clinical settings, including case studies demonstrating improved diagnostic accuracy and treatment outcomes.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 June 2025)



## Diagnostics

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## About the Journal

### Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

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