

## Special Issue

# Clinical Applications and Surgical Integration of Advanced Ophthalmic Imaging

### Message from the Guest Editor

Advances in ophthalmic imaging have transformed diagnostic precision, disease monitoring, and surgical decision-making in eye care. Emerging modalities—such as swept-source and ultra-widefield optical coherence tomography (OCT), OCT angiography, intraoperative OCT, adaptive optics imaging, and high-resolution ocular ultrasound—provide unprecedented visualization of ocular microstructures and vascular networks.

Clinically, these technologies enable earlier detection of retinal, corneal, glaucomatous, and optic nerve pathologies; improve differentiation between overlapping disease entities; and support quantitative assessment of therapeutic response. As imaging systems become increasingly automated and interoperable with digital surgical platforms, they are reshaping precision ophthalmology by reducing surgical variability. This Special Issue highlights the current clinical applications, evolving surgical integrations, and future directions for advanced ophthalmic imaging in optimizing patient outcomes, and we welcome authors to submit papers on clinical applications and surgical integration of advanced ophthalmic imaging in terms of both diagnosis and treatment.

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### Guest Editor

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### Deadline for manuscript submissions

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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!

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