

Special Issue

Cataract Surgery: Recent Research and Future Trend

Message from the Guest Editors

Advances in ophthalmologic surgical approaches such as femtosecond laser-assisted cataract surgery (FLACS) and the developments of optical design and material technology in intraocular lenses led to successfully correcting presbyopia, astigmatism and other refractive errors through the cataract or lens exchange surgery. Even if a skilled surgeon provides these premium IOLs and perfect procedures, there are also the risks of patient dissatisfaction after the surgery. However, the selection and efficacy of functional IOL implantation in presbyopic eyes remain confusing for many surgeons. In addition to so-called premium IOLs, there are various types of functional IOLs of different manufacturers, each with its own advantages and disadvantages. Therefore, clinical experience and long-term data are very important. This research topic aims at collecting high-quality publications on this subject from all over the world, to obtain a good overview of various modern IOLs and their optical principles with advantages and disadvantages, such as contrast sensitivity, aberrations, photic phenomena, etc.

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Deadline for manuscript submissions

closed (30 June 2023)



Journal of Personalized Medicine

an Open Access Journal
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CiteScore 6.0
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Medicine*
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Journal of Personalized Medicine (JPM), ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

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