

Special Issue

Materials and Methods for Genetic and Cell-Based Therapy for Ocular Tissue

Message from the Guest Editor

Retinal injury and repair are significant areas of research within the field of ophthalmology. The development of innovative materials and methods for the treatment of retinal injuries has emerged as a promising avenue for improving visual outcomes and preserving retinal function. Topics to be covered in this Special Issue include the use of biomaterials for retinal repair, innovative surgical techniques for treating retinal injuries, advancements in drug delivery systems targeting specific retinal layers, and the development of novel imaging modalities for assessing retinal damage and repair. Additionally, studies focusing on stem cell therapies, gene therapies, and other regenerative medicine approaches for retinal injury and repair are of particular interest. By showcasing the diverse strategies and materials being developed for retinal repair, this collection of articles aims to inspire new avenues of research and innovation in the field of ophthalmology.

Guest Editor

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Editor-in-Chief

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