



## Corneal Surgery: Latest Advances and Prospects

Guest Editors:

**Dr. Augusto Pocobelli**

San Giovanni Addolorata  
Hospital, UOC Oftalmologia,  
Banca degli Occhi, Rome, Italy

**Dr. Fabio Scarinci**

San Giovanni Addolorata  
Hospital, UOC Oftalmologia,  
Banca degli Occhi, Rome, Italy

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### Message from the Guest Editors

Corneal surgery and treatments have become an important addition to the ophthalmic procedure armamentarium in clinical practice, with corneal transplantation being the most performed transplant worldwide. Also, the latest advances in corneal surgery, including the use of new biomaterials and novel techniques such as laser platforms, have provided ophthalmologists with well-established and safer treatments to restore ocular integrity and the patient's vision.

The availability of donated corneas, thanks to the activities of Eye Banks, is a prerequisite for successful transplantation and the accessibility of corneal tissue. The preservation methods encompass the responsibilities of procuring, preserving, ensuring quality control, and preparing tissues for the operation theater. Furthermore, in recent years, imaging analysis of the cornea has improved allowing for quantitative as well as qualitative evaluation of several corneal parameters that represent biomarkers of disease progression.

This Special Issue seeks to outline studies targeting the latest developments in surgery for various corneal diseases.





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## Editors-in-Chief

**Prof. Dr. Emmanuel Andrès**

Internal Medicine Department,  
University Hospital Strasbourg,  
67000 Strasbourg, France

**Prof. Dr. Kent Doi**

Department of Emergency and  
Critical Care Medicine, University  
of Tokyo, Tokyo 113-8655, Japan

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*Journal of Clinical Medicine* Editorial  
Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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