



## Pathophysiologic Mechanisms of Eye Diseases and Novel Therapeutic Approaches

Guest Editor:

**Prof. Dr. M. Elizabeth Fini**

1. New England Eye Center of  
Tufts Medical Center,  
Department of Ophthalmology,  
Tufts University School of  
Medicine, Boston, MA 02111, USA  
2. Program in Pharmacology and  
Drug Development, Tufts  
Graduate School of Biomedical  
Sciences, Tufts University,  
Boston, MA 02111, USA

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### Message from the Guest Editor

The eye is a remarkable organ of incredible functional complexity. Each of its structures, including the cornea and ocular surface, trabecular meshwork and sclera, ciliary body, iris and lens, neuroretina, and optic nerve, have their own specialized biology. This Special Issue of IJMS invites articles that provide new insights into the underlying mechanisms of diseases of the eye, as well as work on new diagnostic tools/biomarkers, and novel therapeutic strategies. Diseases include dry eye, pinguecula and pterygium, ocular hypertension, cataract, glaucoma, and retinal degeneration. Both preclinical and clinical studies emphasize the interest in molecular biology approaches and encourage animal models of disease.

### Keywords:

eye; ocular surface; cornea; trabecular meshwork; sclera; iris; ciliary body; lens; retina; optic nerve; pathophysiology; therapeutic





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### Prof. Dr. Maurizio Battino

Department of  
Odontostomatologic and  
Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of  
Medicine, Università Politecnica  
delle Marche, Via Ranieri 65,  
60100 Ancona, Italy

## Message from the Editor-in-Chief

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MDPI, St. Alban-Anlage 66  
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