EXPERIMENTAL EYE RESEARCH

The official journal of the International Society for Eye Research

AUTHOR INFORMATION PACK

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DESCRIPTION

The primary goal of *Experimental Eye Research* is to publish original research papers on all aspects of **experimental biology** of the **eye** and **ocular tissues** that seek to define the mechanisms of normal function and/or disease. Studies of ocular tissues that encompass the disciplines of **cell biology**, **developmental biology**, **genetics**, **molecular biology**, **physiology**, **biochemistry**, **biophysics**, **immunology** or **microbiology** are most welcomed. Manuscripts that are purely clinical or in a surgical area of ophthalmology are not appropriate for submission to Experimental Eye Research and if received will be returned without review.

Most manuscripts published are original articles describing new research findings. For review purposes the journal is divided into four sections: **Aqueous Humor** and **Blood Flow**; **Cornea** and **Ocular Surface**; **Lens**; and **Retina** and **Choroid**, each with their own section editors and a roster of Executive Editors that have expertise in these specialized areas.

The Journal also publishes review articles, short communications, letters-to-the-editor, and methods papers. Full descriptions of each of these types of articles are detailed in the Guide for Authors.

Research areas include:
Production and circulation of ocular fluids and the dysfunction of these pathways underlying ocular disease
Angiogenesis, neovascularization and regulation of blood flow in the eye in health and disease
Cell biology, molecular biology, biochemistry, and biophysics of the eye or eye tissue
Developmental and regenerative biology of the eye
Human and molecular genetics studies of inherited eye diseases
Gene therapy and neuroprotection targeted at preventing inherited ocular diseases
Neural and general physiology of the visual process

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GUIDE FOR AUTHORS

INTRODUCTION

The goal of *Experimental Eye Research* is to publish original research papers on all aspects of the cell biology, physiology, genetics, biochemistry, biophysics, molecular biology, biophysics, pharmacology, developmental biology, microbiology, and immunology of the eye. The journal is subdivided into four sections; Aqueous Humor and Blood Flow, Cornea and Ocular Surface, Lens and Retina and Choroid, each with their own section editors. Short Communications, Letters to the Editor, Methods in Eye Research; individual Review Articles or collections of Review Articles specifically commissioned by the Journal are also published.

Research areas include:
Production and circulation of ocular fluids and the dysfunction of these pathways underlying ocular disease Angiogenesis, neovascularization and regulation of blood flow in the eye in health and disease Cell biology, molecular biology, biochemistry, and biophysics of the eye or eye tissueDevelopmental and regenerative biology of the eyeHuman and molecular genetics studies of inherited eye diseasesGene therapy and neuroprotection targeted at preventing inherited ocular diseasesNeural and general physiology of the visual process

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3. **Short Communications:** Short Communications are intended for preliminary reports of original, significant research results that are limited in scope and, thus, do not warrant publication in the form of a regular Research Article. Communications should be no longer than 4,500 words (generally not to exceed 4 printed pages in the Journal), inclusive of all literature citations, and should contain no more than two Figures (which may be multi-panel) and/or Tables;"Supplementary Data" is not permitted. The word count pertains only to the main body of text, excluding the title, author/institution details, abstract, figures/tables, figure legends, and acknowledgments; the Abstract should not exceed 250 words. Communications should not contain headings/subheadings (*i.e.,*Introduction, Materials and Methods, Results, Discussion), other than References, but otherwise should follow the rules pertaining to the preparation, text-formatting and submission of Research Articles for this Journal.

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