

Ocular Physiology

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Recent Publications on Ocular Physiology:

- [CYP1B1, a developmental gene with a potential role in glaucoma therapy.](#)
*The association of CYP1B1 gene alterations in primary congenital glaucoma...*2nd October, 2009
Department of Cell Biology, University of Connecticut Health Center,- Xenobiotica. 2009 Aug;39(8):606-15. ([DOI Direct Link](#))
- [Ocular prostaglandin production and morphology in mice lacking a single isoform of cyclooxygenase.](#)
*Prostaglandins have many important roles in ocular physiology and are used...*22nd September, 2009
Department of Clinical Pharmacology, Royal College of Surgeons in Ireland,- Prostaglandins Leukot Essent Fatty Acids. 2009 Sep 18. ([DOI Direct Link](#))
- [Effects of exercise on ocular physiology and disease.](#)
*Regular exercise is a healthy lifestyle choice with numerous benefits to...*10th July, 2009
Ophthalmology Department, Capital and Coast District Health Board,- Surv Ophthalmol. 2009 May-Jun;54(3):349-55. ([DOI Direct Link](#))
- [Age-related ocular vascular changes.](#)
*BACKGROUND: The global society is aging at an increasing rate, with a...*6th June, 2009
Department of Ophthalmology, Indiana University School of Medicine,- Graefes Arch Clin Exp Ophthalmol. 2009 May;247(5):583-91. Epub 2008 Dec ([DOI Direct Link](#))
- [\[Exploration of three-dimensional biometric measurement of emmetropic adult eye-ball by using magnetic resonance imaging technology\]](#)
*OBJECTIVE: To study biometric measurements of emmetropic adult eyes with...*30th January, 2009
Department of Ophthalmology, the Second Hospital of Wenzhou Medical- Zhonghua Yan Ke Za Zhi. 2008 Nov;44(11):1007-10.
- [Nucleotides in ocular secretions: their role in ocular physiology.](#)
*The eye is the sense organ that permits the detection of light owing to...*17th December, 2008
Departamento de Bioquímica, E.U. Óptica, Universidad Complutense de- Pharmacol Ther. 2008 Jul;119(1):55-73. Epub 2008 May 11. ([DOI Direct Link](#))
- [Immunolocalisation of P2Y receptors in the rat eye.](#)
*Nucleotides present an important role in ocular physiology which has been...*12th April, 2008
Departamento de Bioquímica y Biología Molecular IV, E.U. Óptica,- Purinergic Signal. 2004 Dec;1(1):83-90. ([DOI Direct Link](#))
- [The effects of cigarette smoking on intraocular pressure and arterial blood pressure of normotensive young Nigerian male adults.](#)
*This study was designed to determine the effects of cigarette Smoking on...*2nd April, 2008
Ocular Physiology Unit, College of Medicine and Health Sciences, Abia- Niger J Physiol Sci. 2007

Jun-Dec;22(1-2):33-6.

- [Visual loss following intraocular gas injection.](#)
*INTRODUCTION: The range of indications for vitreoretinal surgery has...*1st February, 2008
- Dtsch Arztebl Int. 2008 Feb;105(6):108-12. Epub 2008 Feb 8. ([DOI Direct Link](#))
- [Targeted skin overexpression of the mineralocorticoid receptor in mice causes epidermal atrophy, premature skin barrier formation, eye abnormalities, and alopecia.](#)
*The mineralocorticoid receptor (MR) is a transcription factor of the...*7th December, 2007
INSERM U772, College de France, Universite Paris-Descartes, Paris, France.- Am J Pathol. 2007 Sep;171(3):846-60. Epub 2007 Aug 3. ([DOI Direct Link](#))
- [Light, dark, and melatonin: emerging evidence for the importance of melatonin in ocular physiology.](#)
*Melatonin is a hormone, which is mainly produced by the pineal gland, a...*19th August, 2007
Department of Ophthalmology, British Columbia Children's Hospital,- Eye (Lond). 2007 Jul;21(7):901-8. Epub 2006 Sep 22. ([DOI Direct Link](#))
- [Melatonin receptors in the eye: location, second messengers and role in ocular physiology.](#)
*The pineal hormone melatonin, an important regulator of circadian and...*16th May, 2007
Departamento de Bioquimica, E.U. Optica, Universidad Complutense de- Pharmacol Ther. 2007 Mar;113(3):507-22. Epub 2006 Dec 15. ([DOI Direct Link](#))
- [Measurement of light transmission of human limbal epithelial cells cultured on human amniotic membranes.](#)
*PURPOSE: To measure the light transmission properties of human limbal...*1st May, 2007
Department of Ophthalmology, Kanazawa University Graduate School of- Cornea. 2007 Apr;26(3):348-51. ([DOI Direct Link](#))
- [Changes in endocannabinoid and palmitoylethanolamide levels in eye tissues of patients with diabetic retinopathy and age-related macular degeneration.](#)
*Cannabinoid receptors and the endocannabinoids (anandamide...*14th February, 2007
Endocannabinoid Research Group, Institute of Biomolecular Chemistry,- Prostaglandins Leukot Essent Fatty Acids. 2006 Dec;75(6):413-8. Epub 2006 ([DOI Direct Link](#))
- [Corneal ectasia after scleral buckling surgery.](#)
*PURPOSE: To describe a case of corneal ectasia with marked asymmetric...*13th February, 2007
Oftalmoclinica Meier,- Cornea. 2006 Dec;25(10):1257-9. ([DOI Direct Link](#))

Ocular Physiology Patents:



- 4408843- [Hinge joint for childrens eyeglasses](#)
- 6274133- [Method for treating extended-wear contact lenses in the eyes](#)
- 6294563- [Combinations of prostaglandins and brimonidine or derivatives thereof](#)
- 6326388- [Substituted 1,3,4-oxadiazoles and a method of reducing TNF-alpha level](#)
- 6380239- [Substituted 1-oxo- and 1,3-dioxoisindoline and method of reducing inflammatory cytokine levels](#)
- 6403558- [Pharmaceutical compositions comprising troponin subunits, fragments and analogs thereof and methods of their use to inhibit angiogenesis](#)
- 6412948- [Progressive power multifocal lens](#)
- 6458810- [Pharmaceutically active isoindoline derivatives](#)
- 6465431- [Pharmaceutical compositions comprising troponin subunits, fragments and homologs thereof](#)

- [and methods of their use to inhibit angiogenesis](#)
- 6200342- [Intraocular lens with accommodative properties](#)
- 6037328- [Method and composition for rewetting and preventing deposits on contact lens](#)
- 6025331- [Pharmaceutical compositions comprising troponin subunits, fragments and analogs thereof and methods of their use to inhibit angiogenesis](#)
- 5050981- [Lens design method and resulting aspheric lens](#)
- 5184633- [Cleansing and sterilization mechanism suitable for contact lenses and the like](#)
- 5207237- [Ozoneated liquid system](#)
- 5220359- [Lens design method and resulting aspheric lens](#)
- 5245845- [Flexible article sterilizing mechanism](#)
- 5443801- [Endoscope cleaner/sterilizer](#)
- 5523012- [Hydrogen peroxide disinfection solutions](#)
- 5837680- [Pharmaceutical compositions comprising troponin subunits, fragments and analogs thereof and methods of their use to inhibit angiogenesis](#)
- 6478423- [Contact lens coating selection and manufacturing process](#)
- 6586401- [Troponin subunit I fragment and homologs thereof](#)
- 7345062- [Substituted acylhydroxamic acids and method of reducing TNF.alpha.levels](#)
- 7377648- [Volumetric point spread function for eye diagnosis and treatment](#)
- 7393829- [Pharmaceutical compositions comprising fragments and homologs of troponin subunits](#)
- 7446181- [Antibodies that bind human Dickkopf-1 proteins](#)
- 7452866- [Methods of inhibiting angiogenesis with fragments and homologs of troponin subunit 1](#)
- 7481533- [Method for designing multifocal contact lenses](#)
- 7547447- [Bioartificial lacrimal gland](#)
- 7579168- [Human Dickkopf-related nucleic acid molecules](#)
- 7078385- [Methods of inhibiting angiogenesis with fragments and homologs of troponin subunit 1](#)
- 7057017- [Human dickkopf-related protein and nucleic acid molecules and uses therefor](#)
- 7039563- [Method for simulating an ocular optical system and apparatus therefor](#)
- 6586425- [Cytoskeletal active agents for glaucoma therapy](#)
- 6589936- [Pharmaceutical compositions comprising recombinant troponin subunits](#)
- 6653283- [Pharmaceutical compositions comprising troponin subunits, fragments and analogs thereof and methods of their use to inhibit angiogenesis](#)
- 6699899- [Substituted acylhydroxamic acids and method of reducing TNF.alpha. levels](#)
- 6762195- [Pharmaceutically active isoindoline derivatives](#)
- 6939299- [Implantable continuous intraocular pressure sensor](#)
- 7005438- [Pharmaceutically active isoindoline derivatives](#)
- 7022654- [Compositions and methods for cleaning contact lenses](#)
- 7591849- [Multi-component accommodative intraocular lens with compressible haptic](#)

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