

# Keratoconjunctivitis

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Keratoconjunctivitis refers to an inflammation of the cornea and conjunctiva. When only the cornea is inflamed, it is called keratitis; when only the conjunctiva is inflamed, it is called conjunctivitis. There several potential causes of the inflammation: \* Keratoconjunctivitis sicca is used when the inflammation is due to dryness. \* The term "Vernal keratoconjunctivitis" is used to refer to keratoconjunctivitis occurring in spring, and is usually considered to be due to allergens. \* "Atopic keratoconjunctivitis" is one manifestation of atopy. \* "Epidemic keratoconjunctivitis" is caused by an adenovirus infection. \* "Infectious bovine keratoconjunctivitis" is a disease affecting cattle caused by the bacteria *Moraxella bovis*. \* "Superior limbic keratoconjunctivitis" is thought to be caused by mechanical trauma. \* "Keratoconjunctivitis photoelectrica" means that the inflammation is caused by UV light. This can be caused, by example, by welding without wearing protective eye glass. The inflammation will only appear after about 6 to 12 hours. It can be treated by rest . Additionally, one can wear sunglasses. Antibiotics are not proven to be helpful, however oxybuprocaine may help. ([From the Wikipedia article Keratoconjunctivitis](#) .)

## Recent Publications on Keratoconjunctivitis:



- [\[Mechanism of onset and treatment in allergic conjunctival disease: cedar pollinosis and vernal keratoconjunctivitis.\]](#)  
*BACKGROUND: It has become evident that resident stromal cells, such as...*11th November, 2009  
Dept. of Ophthalmology, Tokyo Women's Medical University.- *Aerugi*. 2009 Oct;58(10):1401-6.
- [Vernal keratoconjunctivitis-A rare but serious comorbidity of allergic rhinitis and eustachian tube dysfunction.](#)  
*OBJECTIVE: To determine the prevalence of symptoms and signs of allergic...*11th November, 2009  
Department of Otolaryngology Head and Neck Surgery, Selcuk University,- *Int J Pediatr Otorhinolaryngol*. 2009 Nov 7. ([DOI Direct Link](#))
- [Cyclosporin A eye drops inhibit fibrosis and inflammatory cell infiltration in murine type I allergic conjunctivitis without affecting the early-phase reaction.](#)  
*PURPOSE: To understand the mechanisms of action of cyclosporin A eye drops...*11th November, 2009  
Research and Development Center, Santen Pharmaceutical Co., Ltd., 8916-16- *Curr Eye Res*. 2009 Jun;34(6):426-37.
- [\[Ophthalmology\]](#)  
*Allergic conjunctival diseases caused by immediate hypersensitivity are...*11th November, 2009  
Department of Ophthalmology, Tokyo Women's Medical University, School of- *Nippon Rinsho*. 2009 Nov;67(11):2157-61.
- [Effect of bovine respiratory disease and overall pathogenic disease incidence on carcass traits.](#)  
*The objective this study was to evaluate the effects of incidence of...*10th November, 2009

- U.S. Meat Animal Research Center, USDA, ARS, Clay Center, NE 68933.- J Anim Sci. 2009 Nov 6. ([DOI Direct Link](#))
- [Keratitis-ichthyosis-deafness \(KID\) syndrome.](#)  
A 21-year-old man presented with a life-long history of diffusely...7th November, 2009  
Department of Dermatology, New York University, USA.- Dermatol Online J. 2009 Aug 15;15(8):11.
  - [Enteroinvasive Escherichia coli vs. Shigella flexneri : how different patterns of gene expression affect virulence.](#)  
Important features of the enteroinvasive Escherichia coli (EIEC) phenotype...6th November, 2009  
School of Pharmaceutical Sciences, University of Sao Paulo, Sao Paulo, SP,- FEMS Microbiol Lett. 2009 Oct 7. ([DOI Direct Link](#))
  - [The management of allergic eye diseases in primary eye care.](#)  
Allergy is an over-reaction of the body's immune system to innocuous...3rd November, 2009  
Pennsylvania College of Optometry at Salus University, 8360 Old York Road,- Cont Lens Anterior Eye. 2009 Oct 29. ([DOI Direct Link](#))
  - [Live conjunctiva-associated lymphoid associated tissue \(CALT\) analysis in rabbit using in vivo confocal microscopy \(IVCM\) under inflammatory stimuli.](#)  
PURPOSE. Conjunctiva-associated lymphoid tissue (CALT) plays an important...24th October, 2009  
Institute of Vision, Paris, France.- Invest Ophthalmol Vis Sci. 2009 Oct 22. ([DOI Direct Link](#))
  - [Nerve growth factor modulates toll-like receptor \(TLR\) 4 and 9 expression in cultured primary VKC conjunctival epithelial cells.](#)  
PURPOSE: To investigate if nerve growth factor (NGF) might modulate...22nd October, 2009  
CIR, Laboratory of Ophthalmology, University Campus Bio-Medico, Rome,- Mol Vis. 2009 Oct 13;15:2037-44.
  - [Treatment of severe vernal keratoconjunctivitis with 1% topical cyclosporine in an Italian cohort of 197 children.](#)  
The purpose of our study was to verify the efficacy of prolonged cycles of...21st October, 2009  
Department of Biomedicine of Developmental Age, Pediatric Clinic- Pediatr Allergy Immunol. 2009 Oct 15. ([DOI Direct Link](#))
  - [Retrospective review of corneal ulcers in Ipoh Hospital.](#)  
This study was a retrospective study on corneal ulcer of one year period...21st October, 2009  
Department of Ophthalmology, Hospital Ipoh, Perak, Malaysia.- Med J Malaysia. 2008 Dec;63(5):391-4.
  - [Basophils in the giant papillae of chronic allergic keratoconjunctivitis.](#)  
AIMS: The essential roles of basophils as an initiator of chronic allergic...16th October, 2009  
Japan;- Br J Ophthalmol. 2009 Oct 14. ([DOI Direct Link](#))
  - [Clinical Evaluation of Total IgE in Tears of Patients with Allergic Conjunctivitis Disease Using a Novel Application of the Immunochromatography Method.](#)  
Background: The determination of total IgE in tears is useful as a...26th September, 2009  
Department of Ophthalmology, Division of Visual Sciences, Nihon University- Allergol Int. 2009 Sep 25;58(4). ([DOI Direct Link](#))
  - [Evaluation of Novel Scoring System Named 5-5-5 Exacerbation Grading Scale for Allergic Conjunctivitis Disease.](#)  
Background: The objective of this study is to evaluate the practical...25th September, 2009  
Department of Ophthalmology, Division of Visual Sciences, Nihon University- Allergol Int. 2009 Sep 25;58(4). ([DOI Direct Link](#))

## BioNews Results for Keratoconjunctivitis

- [Conjunctival Fixation Sutures for Refractory Superior Limbic Keratoconjunctivitis](#)



### Keratoconjunctivitis Clinical Trials:

- [Phase III Study of 0.1% Tacrolimus\(FK506\) Ophthalmic Suspension in Patients With Vernal Keratoconjunctivitis](#)

### Keratoconjunctivitis Patents:



- 7541362- [Heterocyclic dihydropyrimidine compounds](#)
- 7572442- [Selected antibody compositions for binding to aminophospholipids](#)
- 7572448- [Combined cancer treatment methods using selected antibodies to aminophospholipids](#)
- 7572781- [Prodrugs for use as ophthalmic agents](#)
- 7572811- [Immunosuppressant compounds and compositions](#)
- 7574902- [Tear film osmometry](#)
- 7576066- [Nucleic acid compositions for stimulating immune responses](#)
- 7576182- [Compositions and methods for the treatment of immune related diseases](#)
- 7579450- [Nucleic acid ligands specific to immunoglobulin E and their use as atopic disease therapeutics](#)
- 7582654- [Heterocyclic inhibitors of potassium channel function](#)
- 7582742- [Method of treating or preventing an IL-1 related disease or condition](#)
- 7569597- [Isoindoline compounds and methods of their use](#)
- 7569553- [Nucleic acid compositions for stimulating immune responses](#)
- 7563790- [Pyridazine derivatives](#)
- 7544482- [Nucleic acids encoding receptor for IL-17 homologous polypeptides and uses thereof](#)
- 7544684- [Hydrazono-malonitriles](#)
- 7547447- [Bioartificial lacrimal gland](#)
- 7550432- [Recombinant fusion proteins to growth hormone and serum albumin](#)
- 7553816- [p-amidobenzylethers in drug delivery agents](#)
- 7553842- [Macrocyclic analogs for the treatment of immunoregulatory disorders and respiratory diseases](#)
- 7553932- [Methods of treating viral infection with IL-10 receptor antagonists](#)
- 7557082- [Treatment with cyclosporin A](#)
- 7557127- [HDAC inhibitor](#)
- 7563787- [Substituted pyrazole compounds](#)
- 7588755- [DNA sequences, recombinant DNA molecules and processes for producing human fibroblast interferon-like polypeptides](#)

- 7588774- [Molecules enhancing dermal delivery of influenza vaccines](#)
- 7605229- [PRO87299 polypeptides](#)
- 7608598- [Use of lipid conjugates in the treatment of conjunctivitis](#)
- 7608635- [Pyrazole compounds that modulate HSP90 activity](#)
- 7611704- [Compositions and methods for treating viral infections using antibodies and immunoconjugates to aminophospholipids](#)
- 7611879- [27877, 18080, 14081, 32140, 50352, 16658, 14223, 16002, 50566, 65552 and 65577 molecules and uses therefor](#)
- 7612047- [Degradation-resistant mononucleoside phosphate compounds](#)
- 7612238- [Amino-propanol derivatives](#)
- 7615223- [Selected immunoconjugates for binding to aminophospholipids](#)
- 7615380- [Methods for modulating an immune response by modulating KRC activity](#)
- 7615552- [Fused heterocyclic compounds](#)
- 7605171- [\(3,4-disubstituted\)propanoic carboxylates as S1P \(Edg\) receptor agonists](#)
- 7605138- [Nucleic acid compositions for stimulating immune responses](#)
- 7604800- [Anti-PSGL-1 antibodies](#)
- 7589091- [Hydroxamic acid derivatives](#)
- 7592007- [Methods of inhibiting T cell proliferation or IL-2 accumulation with CTLA-4 specific antibodies](#)
- 7592010- [Albumin fusion proteins](#)
- 7592147- [Modulation of IL-2 production by T-bet](#)
- 7592169- [Methods and compositions for treatment and prevention of HSV-2 infections and conditions](#)
- 7595047- [Compositions and methods for promoting or inhibiting angiogenesis](#)
- 7595341- [Analogues of lipid mediators derived from .omega.-3 PUFAs and methods of use](#)
- 7601335- [Pretreatment of a biological sample from an autoimmune disease subject](#)
- 7601514- [Nucleic acid encoding PRO10268 polypeptides](#)
- 7604797- [Compositions and methods for treating burns](#)
- 7615562- [2-aminopyrimidine derivatives and their medical use](#)

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