



Ocular Immunology and Inflammation >

Volume 19, 2011 - Issue 5

701 | 76 | 0  
Views | CrossRef citations to date | Altmetric

Case Report

# Efficacy of Tocilizumab in Two Patients with anti-TNF-alpha Refractory Uveitis

Aurore Muselier, Philip Bielefeld , Samuel Bidot, Julien Vinit,  
Jean-François Besancenot & Alain Bron

Pages 382-383 | Received 30 Mar 2011, Accepted 17 Jul 2011, Published online: 04 Oct 2011

<https://doi.org/10.3109/09273948.2011.606593>

Sample our   
Medicine, Dentistry, Nursing  
& Allied Health Journals  
>> [Sign in here](#) to start your access  
to the latest two volumes for 14 days

Full Article

Figures & data

References

Citations

Metrics

Reprints & Permissions

Read this article

Share

## Abstract

**Purpose:** To report on two patients with refractory uveitis treated with tocilizumab; a new humanized monoclonal antibody against the interleukin-6 receptor (IL-6R).

**Design:** Retrospective interventional case series.

**Methods:** Both patients received a monthly infusion of tocilizumab 8 mg/kg; associated with corticosteroids. Outcome measures were visual acuity and central retinal thickness evaluated with optical coherence tomography.

**Results:** An improvement in visual acuity and a decrease in macular edema were observed in these two patients.

Conclusions: Tocilizumab seems to be a promising treatment in refractory uveitis. A prospective study is needed to evaluate the role of this new agent in the management of refractory uveitis.

Keywords::

Immunosuppressive therapy

Refractory uveitis

Tocilizumab

Uveitis

Declaration of interest: The authors report no conflicts of interest. The authors alone are responsible for the content and writing of the paper.

#### Related Research Data

[Clinical Review: Anti-TNF \$\alpha\$  Therapies in Uveitis: Perspective on 5 Years of Clinical Experience](#)

Source: Ocular Immunology and Inflammation

[Tocilizumab for rheumatoid and juvenile idiopathic arthritis](#)

Source: The Lancet

[The role of cytokines in the regulation of ocular autoimmune inflammation](#)

Source: Cytokine & Growth Factor Reviews

[Involvement of Th17 cells and the effect of anti-IL-6 therapy in autoimmune uveitis](#)

Source: Rheumatology

[Blockade of interleukin-6 signaling suppresses experimental autoimmune uveoretinitis by the inhibition of inflammatory Th17 responses](#)

Source: Experimental Eye Research

Linking provided by  Scopus

#### Related research

People also read

Recommended articles

Cited by  
76

Information for	Open access
Authors	Overview
R&D professionals	Open journals
Editors	Open Select
Librarians	Dove Medical Press
Societies	F1000Research
Opportunities	Help and information
Reprints and e-prints	Help and contact
Advertising solutions	Newsroom
Accelerated publication	All journals
Corporate access solutions	Books

## Keep up to date

Register to receive personalised research and resources by email

 Sign me up



Copyright © 2026 Informa UK Limited [Privacy policy](#) [Cookies](#) [Terms & conditions](#)

[Accessibility](#)



Registered in England & Wales No. 01072954  
5 Howick Place | London | SW1P 1WG