

## Retinal Neovascularization

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### Recent Publications on Retinal Neovascularization:



- [A new macular dystrophy with anomalous vascular development, pigment spots, cystic spaces, and neovascularization.](#)  
*OBJECTIVE: To clinically phenotype an inherited macular dystrophy with...* 18th November, 2009  
Department of Ophthalmology and Visual Sciences, University of Iowa Roy J.- Arch Ophthalmol. 2009 Nov;127(11):1449-57. ([DOI Direct Link](#))
- [\[Application of optical coherent tomography in monitoring age-related macular degeneration after photodynamic therapy\]](#)  
*PURPOSE: Of our study is to check usefulness of OCT exam in qualification...* 18th November, 2009  
Z Oddzialu Okulistyki Okregowego Szpitala Kolejowego Z Samodzielnego- Klin Oczna. 2009;111(7-9):229-34.
- [Idiopathic juxtafoveal retinal telangiectasia.](#)  
*BACKGROUND: Idiopathic juxtafoveal retinal telangiectasia (IJRT) is a rare...* 18th November, 2009  
VA Greater Los Angeles Healthcare System, Sepulveda Ambulatory Care Center- Optometry. 2008 Nov;79(11):653-62. ([DOI Direct Link](#))
- [Thiazolidinediones Reduce Pathological Neovascularization in Ischemic Retina Via an Adiponectin-Dependent Mechanism.](#)  
*Background-The insulin-sensitizing agents referred to as...* 17th November, 2009  
Molecular Cardiology/Whitaker Cardiovascular Institute, Boston University- Arterioscler Thromb Vasc Biol. 2009 Nov 12. ([DOI Direct Link](#))
- [A role for protein ubiquitination in VEGFR-2 signalling and angiogenesis.](#)  
*Regulation of angiogenesis is often viewed as a balance between...* 17th November, 2009  
Departments of Pathology and Ophthalmology, Boston University School of- Biochem Soc Trans. 2009 Dec;37(Pt 6):1189-92. ([DOI Direct Link](#))
- [\[Complications of uveitis: prevalence and risk factors in a serie of 398 cases.\]](#)  
*OBJECTIVE: To estimate the rate of complications and establish risk...* 11th November, 2009  
Hospital de La Princesa, Servicio de Oftalmologia, Madrid, Espana.- Arch Soc Esp Oftalmol. 2009 Oct;84(10):523-8.
- [TRAIL-Deficient Mice Exhibit Delayed Regression of Retinal Neovascularization.](#)  
*While it is well established that tumor necrosis factor-related...* 7th November, 2009  
From the Departments of Pediatrics,\* Ophthalmology, Casey Eye Institute,- Am J Pathol. 2009 Nov 5. ([DOI Direct Link](#))
- [Activation of the Wnt Pathway Plays a Pathogenic Role in Diabetic Retinopathy in Humans and Animal Models.](#)

Although Wnt signaling is known to mediate multiple biological and...7th November, 2009

From the Department of Cell Biology,\* and Department of Medicine and- Am J Pathol. 2009 Nov 5. ([DOI Direct Link](#))

- [Sustained regression of florid diabetic retinopathy in a patient with Donohue syndrome \(leprechaunism\).](#)  
*Purpose. Leprechaunism is a rare congenital syndrome caused by mutations...*3rd November, 2009  
Eye Clinic, Department of Neurological and Visual Science, University of- Eur J Ophthalmol. 2009 Oct 20.
- [Descending doses of intravitreal bevacizumab for the regression of diabetic neovascularization.](#)  
*Abstract. Purpose: To report short-term regression of neovascularization...*29th October, 2009  
2nd Department of Ophthalmology, School of Medicine, Aristotle University- Acta Ophthalmol. 2009 Oct 23. ([DOI Direct Link](#))
- [Intravitreal Vascular Endothelial Growth Factor and Hypoxia-Inducible Factor 1a in Patients with Proliferative Diabetic Retinopathy.](#)  
*PURPOSE: To determine vascular endothelial growth factor (VEGF) and...*20th October, 2009  
Department of Ophthalmology, Southwest Eye Hospital, Southwest Hospital,- Am J Ophthalmol. 2009 Oct 16. ([DOI Direct Link](#))
- [PEDF prevents reactive oxygen species generation and retinal endothelial cell damage at high glucose levels.](#)  
*Oxidative stress is associated with the development of retinopathy in...*20th October, 2009  
Department of Biotechnology, Division of Molecular and Cellular Biology,- Exp Eye Res. 2009 Oct 22. ([DOI Direct Link](#))
- [Identification of genes and pathways involved in retinal neovascularization by microarray analysis of two animal models of retinal angiogenesis.](#)  
*Purpose: Comparative retinal gene expression analysis in two rodent models...*17th October, 2009  
Ophthalmology and Visual Sciences, Vanderbilt University School of- Invest Ophthalmol Vis Sci. 2009 Oct 15. ([DOI Direct Link](#))
- [Ruboxistaurin, a PKCbeta inhibitor, inhibits retinal neovascularization via suppression of phosphorylation of ERK1/2 and Akt.](#)  
*Ruboxistaurin, a protein kinase C (PKC) beta inhibitor, exhibits...*15th October, 2009  
Department of Biofunctional Evaluation, Molecular Pharmacology, Gifu- Exp Eye Res. 2009 Oct 13. ([DOI Direct Link](#))
- [Quantification of oxygen-induced retinopathy in the mouse: a model of vessel loss, vessel regrowth and pathological angiogenesis.](#)  
*The mouse model of oxygen-induced retinopathy (OIR) has been widely used...*10th October, 2009  
Department of Ophthalmology, Children's Hospital Boston, Harvard Medical- Nat Protoc. 2009;4(11):1565-73. Epub 2009 Oct 8. ([DOI Direct Link](#))

## Retinal Neovascularization Patents:



- 7544767- [HMG2 peptides and related molecules that selectively home to tumor blood vessels and tumor cells](#)
- 7563800- [Substituted pyrazolo\[3,4-D\]pyrimidines as p38 map kinase inhibitors](#)
- 7566546- [Modulators of angiogenesis and tumorigenesis](#)
- 7566708- [Substituted pyrazolo{3,4-D}pyrimidines as p38 map kinase inhibitors](#)

- [7566770- Humanized collagen antibodies and related methods](#)
- [7572778- Fluorocombretastatin and derivatives thereof](#)
- [7575746- Modified human IGF-IR antibodies](#)
- [7576060- Inhibition of adhesion and migration of an endothelial cell to fibronectin by neutrophil alpha-defensins](#)
- [7576204- Heterocyclic macrolide pharmaceutical agent, a method of producing the same and use of the same](#)
- [7576209- Inhibitors of Akt activity](#)
- [7579355- Inhibitors of Akt activity](#)
- [7563799- Substituted pyrazolo\[3,4-D\]pyrimidines as p38 map kinase inhibitors](#)
- [7563255- Implantable drug delivery device and use thereof](#)
- [7560551- Aurora kinase modulators and method of use](#)
- [7547435- Pharmacological vitreolysis](#)
- [7550470- Substituted pyrazolo\[1,5-A\]pyrimidines as tyrosine kinase inhibitors](#)
- [7550478- Tyrosine kinase inhibitors](#)
- [7550483- Amorphous salt of 4-\(3-chloro-4-\(cyclopropylaminocarbonyl\)aminophenoxy\)-7-methoxy-6-quinoli- necarboxamide and process for preparing the same](#)
- [7550503- Physiologically active substances](#)
- [7553496- VEGF-A as an inhibitor of angiogenesis and methods of using same](#)
- [7553838- Mitotic kinesin inhibitors](#)
- [7560111- HER2 antibody composition](#)
- [7560491- Z-stilbenes derivatives and the pharmaceutical composition thereof](#)
- [7560546- Tyrosine kinase inhibitors](#)
- [7579451- Oligonucleotides comprising a modified or non-natural nucleobase](#)
- [7582080- Implantable, tissue conforming drug delivery device](#)
- [7601726- Substituted pyrazolo\[3,4-d\]pyrimidines as p38 MAP kinase inhibitors](#)
- [7601840- Carboline derivatives useful in the inhibition of angiogenesis](#)
- [7608603- Substituted pyrazolo\[3,4-D\]pyrimidines as p38 MAP kinase inhibitors](#)
- [7608643- Compounds for inhibiting KSP kinesin activity](#)
- [7608739- Mitotic kinesin inhibitors](#)
- [7612092- Nitrogen-containing aromatic derivatives](#)
- [7612208- Crystalline form of the salt of 4-\(3-chloro-4-\(cyclopropylaminocarbonyl\)aminophenoxy\)-7-methoxy-6-quinoli- necarboxamide or the solvate of the salt and a process for preparing the same](#)
- [7615618- Oligonucleotides comprising a non-phosphate backbone linkage](#)
- [7618626- Combination treatment for non-hematologic malignancies](#)
- [7618971- Mitotic kinesin inhibitors](#)
- [7601341- Vascular endothelial growth factor fusion constructs used to inhibit osteoclastogenesis](#)
- [7597886- Tumor necrosis factor-gamma](#)
- [7596455- Crystallization of IGF-1](#)
- [7582440- Imaging, diagnosis and treatment of disease](#)
- [7582726- VEGF receptor antagonists](#)
- [7585869- Substituted heterocycles for the treatment of abnormal cell growth](#)
- [7589068- Inhibitors of Akt activity](#)
- [7589101- Compounds and compositions as protein kinase inhibitors](#)
- [7592016- Methods for preparing and using implantable substance delivery devices](#)
- [7592466- Ureas having antiangiogenic activity](#)
- [7595325- Substituted pyrrolo\[2,3-d\]pyrimidine derivatives useful in cancer treatment](#)
- [7595337- Mitotic kinesin inhibitors](#)
- [7595430- Methods and animal model for analyzing age-related macular degeneration](#)
- [7619100- Physiologically active substances](#)

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