

# Retinoblastoma

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Retinoblastoma is a cancer of the retina. Development of this tumor is initiated by mutations that inactivate both copies of the RB1 gene, which codes for the retinoblastoma protein. ([From the Wikipedia article Retinoblastoma](#).)

## Recent Publications on Retinoblastoma:



- [Axenfeld-Rieger ocular anomaly and retinoblastoma caused by constitutional chromosome 13q deletion.](#)  
*Axenfeld-Rieger (AR) ocular anomaly might be due to deletions of different...*21st November, 2009  
Department of Child Neurology, Hospital Sant Joan de Deu, Barcelona,- *Pediatr Blood Cancer*. 2009 Nov 19. ([DOI Direct Link](#))
- [Cyclooxygenase-2 expression in the normal human eye and its expression pattern in selected eye tumours.](#)  
*Purpose: Cyclooxygenase-2 (COX-2) is an enzyme involved in neoplastic...*21st November, 2009  
Institute of Neuroscience and Pharmacology, Eye Pathology Section,- *Acta Ophthalmol*. 2009 Nov 19. ([DOI Direct Link](#))
- [Intravenously administered gold nanoparticles pass through the blood-retinal barrier depending on the particle size, and induce no retinal toxicity.](#)  
*The retina maintains homeostasis through the blood-retinal barrier (BRB)...*20th November, 2009  
Department of Ophthalmology, Seoul National University College of Medicine- *Nanotechnology*. 2009 Nov 19;20(50):505101. ([DOI Direct Link](#))
- [Anti-proliferative effects of gamma-tocotrienol on mammary tumour cells are associated with suppression of cell cycle progression.](#)  
*Abstract Objectives: Previous studies have shown that gamma-tocotrienol...*20th November, 2009  
College of Pharmacy, University of Louisiana at Monroe, Monroe, LA, USA.- *Cell Prolif*. 2009 Nov 17. ([DOI Direct Link](#))
- [Expression of cyclin D1 and retinoblastoma protein in Paget's disease of the vulva and breast: an immunohistochemical study of 108 cases.](#)  
*Aims: Loss of retinoblastoma protein expression and overexpression of...*19th November, 2009  
Department of Obstetrics and Gynaecology, Royal Free & University College- *Histopathology*. 2009 Nov 16. ([DOI Direct Link](#))
- [Effects of endogenous insulin-like growth factor binding protein-3 on cell cycle regulation in breast cancer cells.](#)  
*High tissue insulin-like growth factor binding protein-3 (IGFBP-3)...*19th November, 2009  
Kolling Institute of Medical Research, Royal North Shore Hospital,- *Growth Factors*. 2009 Dec;27(6):394-408.

- [Paclitaxel and beta-lapachone synergistically induce apoptosis in human retinoblastoma Y79 cells by downregulating the levels of phospho-Akt.](#)  
*Paclitaxel (PTX) and beta-lapachone (LPC) are naturally occurring...* 18th November, 2009  
Dipartimento di Scienze Biochimiche, Universita degli Studi di Palermo,- J Cell Physiol. 2009 Nov 13. ([DOI Direct Link](#))
- [The AHR regulates cell cycle progression in human breast cancer cells via a functional interaction with CDK4.](#)  
*The aryl hydrocarbon receptor (AHR) is a ligand-activated transcription...* 18th November, 2009  
The Hamner Institutes for Health Sciences.- Mol Pharmacol. 2009 Nov 16. ([DOI Direct Link](#))
- [Histopathologic and genetic alterations as predictors of response to treatment and survival in lung cancer: A review of published data.](#)  
*Lung carcinogenesis is considered to be the result of composite...* 17th November, 2009  
Department of Clinical Therapeutics, "Alexandra" Hospital, University of- Crit Rev Oncol Hematol. 2009 Nov 12. ([DOI Direct Link](#))
- [Detection of survivin protein in aqueous humor and serum of retinoblastoma patients and its clinical significance.](#)  
*Objectives: There is growing biomedical interest in survivin as a...* 17th November, 2009  
Medical biochemistry, Ain Shams Faculty of Medicine, Abbassia, Cairo,- Clin Biochem. 2009 Nov 11. ([DOI Direct Link](#))
- [Trilateral retinoblastoma: Potentially curable with intensive chemotherapy.](#)  
*BACKGROUND: Trilateral retinoblastoma has been lethal in virtually all...* 13th November, 2009  
Department of Pediatrics, Memorial Sloan-Kettering Cancer Center, New- Pediatr Blood Cancer. 2009 Nov 11. ([DOI Direct Link](#))
- [Key elements of the retinoblastoma tumor suppressor pathway in Volvox carteri.](#)  
*The green alga Volvox carteri is one of the simplest multicellular...* 13th November, 2009  
Department of Cellular and Developmental Biology of Plants; University of- Commun Integr Biol. 2009 Sep;2(5):396-9.
- [Long-Term Safety of Recombinant Human Growth Hormone in Children.](#)  
*Background: Between 1985 and 2006, the National Cooperative Growth Study...* 13th November, 2009  
Columbia University Medical Center (J.B.), New York, New York 10032;- J Clin Endocrinol Metab. 2009 Nov 11. ([DOI Direct Link](#))
- [Vitamin D - a new treatment for airway remodelling in asthma?](#)  
*Increased airway smooth muscle (ASM) mass plays a critical role in chronic...* 13th November, 2009  
Centre for Respiratory Research, University of Nottingham, UK.- Br J Pharmacol. 2009 Nov;158(6):1426-8. ([DOI Direct Link](#))
- [The ATM and ATR inhibitors CGK733 and caffeine suppress cyclin D1 levels and inhibit cell proliferation.](#)  
*The ataxia telangiectasia mutated (ATM) and the ATM- related (ATR) kinases...* 12th November, 2009  
Department of Cell and Molecular Biology, Lundberg Laboratory University- Radiat Oncol. 2009 Nov 10;4:51. ([DOI Direct Link](#))

## BioNews Results for Retinoblastoma

- [No 'Red Eye' in Photos Could Indicate Cancer](#)  
*Momlogic: Nov 19 2009 11:54PM Matching: retinoblastoma*
- [Trilateral retinoblastoma: Potentially curable with intensive chemotherapy](#)  
*MDLinx: Nov 16 2009 12:53PM Matching: retinoblastoma*
- [Risk of Cataract Extraction Among Adult Retinoblastoma Survivors](#)  
*MDLinx: Nov 12 2009 1:21PM Matching: retinoblastoma*
- [Pediatrician recommends red reflex vision test for all newborns](#)

- News-Medical.Net: Nov 7 2009 6:06AM Matching: retinoblastoma
- [Toddler Battles Rare Eye Cancer](#)  
KETV.com: Nov 5 2009 6:32AM Matching: retinoblastoma
- [pRb loss predicts good outcome in triple negative breast cancer](#)  
MedWire News: Nov 5 2009 3:42AM Matching: retinoblastoma
- [Outcomes of cataract surgery following radiation treatment for retinoblastoma](#)  
MDLinx: Nov 3 2009 10:35AM Matching: retinoblastoma
- [Contrast-Enhancement of the Anterior Eye Segment in Patients with Retinoblastoma: Correlation between Clinical, MR Imaging, and Histopathologic Findings](#)  
MDLinx: Nov 2 2009 1:34PM Matching: retinoblastoma
- [Red Reflex Vision Exam Should Be Given to All Newborns, Report Recommends](#)  
Newswise: Nov 2 2009 9:13PM Matching: retinoblastoma
- [Association for Research in Vision and Ophthalmology: Bioluminescence imaging used for eye cancer detection](#)  
NewsRX: Nov 1 2009 4:32AM Matching: retinoblastoma
- [Eye Cancer surgery in India and Medical tourism along with Medical Healthcare facilities](#)  
Prudent Press Agency: Oct 27 2009 9:06PM Matching: retinoblastoma
- [Emerging roles of E2Fs in cancer: an exit from cell cycle control](#)  
Nature: Oct 23 2009 4:45AM Matching: retinoblastoma
- [Bioluminescence imaging used for eye cancer detection](#)  
Innovations Report: Oct 17 2009 4:43AM Matching: retinoblastoma
- [Study: Bioluminescence imaging can help with early eye cancer detection](#)  
HealthImaging: Oct 17 2009 4:18AM Matching: retinoblastoma
- [Eye Cancer can be Detected Using Bioluminescence Imaging](#)  
MedIndia: Oct 16 2009 2:35PM Matching: retinoblastoma

## Retinoblastoma Patents:



- 7601355- [Compositions and methods for altering immune function](#)
- 7605156- [Methods for the use of inhibitors of cytosolic phospholipase A2](#)
- 7605175- [Inhibitors of cyclin-dependent kinases, compositions and uses related thereto](#)
- 7605236- [Antibodies that immunospecifically bind to B lymphocyte stimulator protein](#)
- 7605266- [Azaindole inhibitors of Aurora kinases](#)
- 7607776- [Digital eye bank for virtual clinic trials](#)
- 7608255- [Replication-competent anti-cancer vectors](#)
- 7608259- [Methods of cancer diagnosis and therapy targeted against a cancer stem line](#)
- 7608260- [Stabilized immunoglobulins](#)
- 7608267- [Multifunctional cytokines](#)
- 7608392- [Diagnostic assay for measuring a cell mediated immune response](#)
- 7605144- [Enzyme catalyzed therapeutic compounds](#)
- 7605138- [Nucleic acid compositions for stimulating immune responses](#)
- 7601359- [Compositions and methods for the prevention and treatment of primary and metastatic neoplastic diseases and infectious diseases with heat shock/stress proteins](#)
- 7601533- [Reverse two-hybrid systems](#)

- 7601534- [Method for multiplying stem cells](#)
- 7601700- [Modulation of eIF4E expression](#)
- 7601703- [Enzyme catalyzed therapeutic agents](#)
- 7601719- [Compounds, methods and pharmaceutical compositions for inhibiting PARP](#)
- 7601739- [Compounds having antiestrogenic and tissue selective estrogenic properties, and compounds with anti-androgenic properties for treatment of prostate cancer and androgen receptor dependent diseases](#)
- 7604799- [EphA4 Antibodies](#)
- 7604936- [Methods and compositions for diagnosis and monitoring auto immune and chronic inflammatory diseases](#)
- 7604939- [Methods of identifying active BRM expression-promoting HDAC inhibitors](#)
- 7608394- [Methods and compositions for phenotype identification based on nucleic acid methylation](#)
- 7608591- [Targeted delivery to legumain-expressing cells](#)
- 7608618- [Urea or thiourea substituted 1,4-pyrazine compounds useful as anti-cancer agents and for inhibiting Chk1](#)
- 7615223- [Selected immunoconjugates for binding to aminophospholipids](#)
- 7615379- [Nucleic acid and corresponding protein entitled 193P1E1B useful in treatment and detection of cancer](#)
- 7615380- [Methods for modulating an immune response by modulating KRC activity](#)
- 7615554- [Erastin and erastin binding proteins, and uses thereof](#)
- 7615628- [Imidazopyridine derivatives](#)
- 7615634- [4-aminopyrimidine-5-one derivatives](#)
- 7618939- [Compositions and methods to prevent cancer with cupredoxins](#)
- 7618971- [Mitotic kinesin inhibitors](#)
- 7618981- [Imidazopyridinyl-benzamide anti-cancer agents](#)
- 7619065- [Cystine-knot fold protein](#)
- 7612255- [Transgenic plants for mitigating introgression of genetically engineered genetic traits](#)
- 7612201- [Pyrazole compounds](#)
- 7608635- [Pyrazole compounds that modulate HSP90 activity](#)
- 7608643- [Compounds for inhibiting KSP kinesin activity](#)
- 7608683- [Stress proteins and peptides and methods of use thereof](#)
- 7608723- [Indole and benzimidazole derivatives](#)
- 7608739- [Mitotic kinesin inhibitors](#)
- 7611704- [Compositions and methods for treating viral infections using antibodies and immunoconjugates to aminophospholipids](#)
- 7611838- [Biologically-active DNA-binding sites and related methods](#)
- 7611879- [27877, 18080, 14081, 32140, 50352, 16658, 14223, 16002, 50566, 65552 and 65577 molecules and uses therefor](#)
- 7612079- [2,6,9-substituted purine derivatives and their use in the treatment of proliferative disorders](#)
- 7612178- [Anti-IGF-1R antibodies and uses thereof](#)
- 7620147- [Orthovoltage radiotherapy](#)

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