

# Meningioma

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Meningiomas are the most common benign tumors of the brain . However they can also be malignant. They arise from the arachnoidal cap cells of the meninges and represent about 15% of all primary brain tumors. They are more common in females than in males and have a peak incidence in the sixth and seventh decades. Most cases are sporadic while some are familial. There has been some evidence that persons who have undergone radiation to the scalp are more at risk for developing meningiomas. The most frequent genetic mutations involved in meningiomas are inactivation mutations in the neurofibromatosis 2 gene on chromosome 22q. ([From the Wikipedia article Meningioma](#) .)

## Recent Publications on Meningioma:



- [\[68Ga\]-DOTATOC-PET/CT for meningioma IMRT treatment planning.](#)  
*ABSTRACT: Purpose: The observation that human meningioma cells strongly...*20th November, 2009  
- Radiat Oncol. 2009 Nov 18;4(1):56. ([DOI Direct Link](#))
- [Hypermethylation and Transcriptional Downregulation of the TIMP3 Gene Is Associated with Allelic Loss on 22q12.3 and Malignancy in Meningiomas.](#)  
*Abstract The gene for the tissue inhibitor of metalloproteinase 3 (TIMP3)...*20th November, 2009  
Department of Neuropathology, Heinrich-Heine-University, Dusseldorf,- Brain Pathol. 2009 Oct 6. ([DOI Direct Link](#))
- [\[Clinical and therapeutic heterogeneity of cerebral venous thrombosis: a description of a series of 20 cases.\]](#)  
*INTRODUCTION. Current neuro-radiological techniques have led to a more...*19th November, 2009  
Hospital General de Ciudad Real, Ciudad Real, Espana.- Rev Neurol. 2009 Dec 1;49(11):573-576.
- [Benign meningioma developing late lung metastases: case report and review of the literature.](#)  
*Here we report the case of a 65-year-old female with a histologically...*19th November, 2009  
- Clin Neuropathol. 2009 Nov;Volume 28(Nov/Dec):453-459.
- [Orbital aspergillus infection mimicking a tumour: a case report.](#)  
*A 14-year-old male presented to the neurosurgical clinic with swelling...*18th November, 2009  
- Cases J. 2009 Sep 15;2:7860. ([DOI Direct Link](#))
- [Genomic profiling of atypical meningiomas associates gain of 1q with poor clinical outcome.](#)  
*Atypical meningiomas exhibit heterogeneous clinical outcomes. It is...*18th November, 2009  
Department of Pathology, Massachusetts General Hospital, 149 13th St.,- J Neuropathol Exp Neurol. 2009 Oct;68(10):1155-65. ([DOI Direct Link](#))
- [\[Meningioma of the internal auditory canal: A rare entity.\]](#)  
*We present the case of a 61-year-old man in whom the magnetic resonance...*17th November, 2009  
Servicio de Otorrinolaringología, Hospital Universitario Ramon y Cajal,- Acta Otorrinolaringol Esp. 2009

- Nov 13. ([DOI Direct Link](#))
- [Atypical teratoid/rhabdoid tumor of the pineal region in an adult.](#)  
*An atypical teratoid/rhabdoid tumor (AT/RT) is a highly malignant...*17th November, 2009  
Departments of Pathology, The Methodist Hospital.- J Neurosurg. 2009 Nov 13. ([DOI Direct Link](#))
  - [Genetic and protein changes of E-cadherin in meningiomas.](#)  
*PURPOSE: The molecular mechanisms and candidate genes involved in...*13th November, 2009  
Laboratory of Neurooncology, Croatian Institute for Brain Research, School- J Cancer Res Clin Oncol. 2009 Nov 12. ([DOI Direct Link](#))
  - [Metastatic alveolar soft tissue sarcoma of the central nervous system: a clinicopathological analysis of four cases.](#)  
*Background and Objective: Metastatic alveolar soft tissue sarcoma (ASTS)...*10th November, 2009  
Department of Pathology, Linyi Oncology Hospital, Linyi, Shandong,- Chin J Cancer. 2009 Nov 5;28(11):1214-8.
  - [Analysis of empty sella secondary to the brain tumors.](#)  
*OBJECTIVE: The definition of empty sella syndrome is 'an anatomical entity...*7th November, 2009  
Department of Neurosurgery, Konyang University Hospital, Daejeon, Korea.- J Korean Neurosurg Soc. 2009 Oct;46(4):355-9. Epub 2009 Oct 31. ([DOI Direct Link](#))
  - [Ultrastructural profile of microcystic meningioma.](#)  
*OBJECTIVE: Microcystic meningioma was originally classified as a subtype...*6th November, 2009  
Department of Public Health, Section of Pathology, Second University of- Pathologica. 2009 Jun;101(3):115-8.
  - [Microarray gene expression profiling in meningiomas: differential expression according to grade or histopathological subtype.](#)  
*Meningiomas, one of the largest subgroup of intracranial tumours are...*4th November, 2009  
INSERM U842, Universite- Int J Oncol. 2009 Dec;35(6):1395-407.
  - [Surgical results of intradural extramedullary tumors.](#)  
*BACKGROUND: To report the treatment results of 12 patients who underwent a...*4th November, 2009  
Department of Orthopaedic Surgery, Kangdong Sacred Heart Hospital, Hallym- Clin Orthop Surg. 2009 Jun;1(2):74-80. Epub 2009 May 27. ([DOI Direct Link](#))
  - [Protecting venous structures during radiosurgery for parasagittal meningiomas.](#)  
*Symptomatic edema is a potential complication of meningioma radiosurgery....*3rd November, 2009  
Departments of Neurosurgery, University of Messina, Italy.- Neurosurg Focus. 2009 Nov;27(5):E11. ([DOI Direct Link](#))

## BioNews Results for Meningioma

- [HCG set to commence Investigator Initiated Clinical Trial for head & neck cancer by year end](#)  
*PharmaBiz: Nov 17 2009 2:55AM Matching: meningioma*
- [A Great Life](#)  
*Advance for NP: Nov 17 2009 1:48AM Matching: meningioma*
- [Pattern of Relapse after Fractionated External Beam Radiotherapy for Meningioma: Experience from Addenbrookes Hospital](#)  
*MDLinx: Nov 12 2009 1:21PM Matching: meningioma*
- [Spot Scanning-Based Proton Radiotherapy Delivers Good Local Control Results: Presented at ASTRO](#)  
*Doctors Guide: Nov 11 2009 3:21AM Matching: meningioma*
- [Vision Loss in Optic Nerve Sheath Meningiomas Reduced by Fractionated Stereotactic Radiotherapy](#)  
*MedIndia: Nov 8 2009 6:20AM Matching: meningioma*
- [Fractionated stereotactic radiotherapy reduces vision loss in optic nerve sheath meningiomas](#)  
*PhysOrg.com: Nov 6 2009 4:53AM Matching: meningioma*
- [Medical News: Vision Loss In Optic Nerve Sheath Meningiomas Reduced By Fractionated Stereotactic](#)

## Radiotherapy

*Medical News Today: Nov 4 2009 5:02PM Matching: meningioma*

- [Patients with optic nerve sheath meningiomas can be cared using fractionated stereotactic radiotherapy](#)  
*News-Medical.Net: Nov 4 2009 5:37AM Matching: meningioma*
- [Vision Loss In Optic Nerve Sheath Meningiomas Reduced By Fractionated Stereotactic Radiotherapy](#)  
*Medical News Today: Nov 4 2009 8:36PM Matching: meningioma*
- [Multiple Sessions Of SRS For Common Brain Tumor Lead To Less Brain Swelling](#)  
*Medical News Today: Nov 4 2009 8:33PM Matching: meningioma*
- [Medical News: Multiple Sessions Of SRS For Common Brain Tumor Lead To Less Brain Swelling](#)  
*Medical News Today: Nov 4 2009 4:24PM Matching: meningioma*
- [Less Brain Swelling Occurs With Multiple Sessions Of Stereotactic Radiosurgery For Common Brain Tumor](#)  
*Science Daily: Nov 4 2009 6:23AM Matching: meningioma*
- [Less brain swelling occurs with multiple sessions of SRS for common brain tumor](#)  
*Genetic Engineering News: Nov 4 2009 12:26AM Matching: meningioma*
- [Less brain swelling occurs with multiple sessions of SRS for common brain tumor](#)  
*EurekAlert!: Nov 4 2009 12:21AM Matching: meningioma*
- [Fractionated Stereotactic Radiotherapy Reduces Vision Loss in Patients with Optic Nerve Sheath Meningiomas](#)  
*Newswise: Nov 3 2009 8:14PM Matching: meningioma*

## **Meningioma Patents:**



- 7579503- [BIS \(thio-hydrazide amide\) salts for treatment of cancers](#)
- 7589190- [Potent LNA oligonucleotides for the inhibition of HIF-1A expression](#)
- 7590493- [Methods for determining hepatotoxins](#)
- 7592422- [Modified plasminogen activator inhibitor type-1 and methods based thereon](#)
- 7593967- [Electronic clinical reference and education system and method of use](#)
- 7595159- [Prediction of Parkinson's disease using gene expression levels of peripheral blood samples](#)
- 7595337- [Mitotic kinesin inhibitors](#)
- 7598031- [Method for the detection of gene transcripts in blood and uses thereof](#)
- 7598237- [7-aryl 1,5-dihydro-4,1-benzoxazepin-2\(3H\)-one derivatives and their use as progesterone receptor modulators](#)
- 7598239- [Conjugated psychotropic drugs and uses thereof](#)
- 7598353- [Polypeptides and antibodies derived from chronic lymphocytic leukemia cells and uses thereof](#)
- 7589119- [Methods for treating or preventing metastatic cancer using benzopyranone compounds](#)
- 7589118- [IAP BIR domain binding compounds](#)
- 7589098- [Methods and compositions utilizing quinazolinones](#)
- 7582281- [Ethylenedicysteine \(EC\)-drug conjugates compositions and methods for tissue specific disease imaging](#)
- 7582668- [Imidazolyl-benzamide anti-cancer agents](#)
- 7582755- [Cyanopyrrole-containing cyclic carbamate and thiocarbamate biaryls and methods for preparing the same](#)

- [7582756- 3-\(4-amidopyrrol-2-ylmethylidene\)-2-indolinone derivatives as protein kinase inhibitors](#)
- [7585622- Increasing the proliferative capacity of cells using telomerase reverse transcriptase](#)
- [7585937- GAG binding proteins](#)
- [7585997- Compounds and compositions for treating dysproliferative diseases, and methods of use thereof](#)
- [7588564- Apparatus for piezoelectric layer-wise pump and valve for use in local administration of biological response modifiers and therapeutic agents](#)
- [7588778- Delivery carrier for targeting to cells expressed with somatostatin receptors](#)
- [7589068- Inhibitors of Akt activity](#)
- [7598355- Characterization of GRP94-ligand interactions and purification, screening, and therapeutic methods relating thereto](#)
- [7599745- Treating a tumor or the like with an electric field](#)
- [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](#)
- [7615208- Metal ion-labeled bis-aminoethanethiol-targeting ligand conjugates, compositions, and methods for tissue-specific disease imaging](#)
- [7615223- Selected immunoconjugates for binding to aminophospholipids](#)
- [7615349- Melanoma gene signature](#)
- [7615611- Human cytokine receptor](#)
- [7618971- Mitotic kinesin inhibitors](#)
- [7618981- Imidazopyridinyl-benzamide anti-cancer agents](#)
- [7618989- Tricyclic oxazolidone derivatives useful as PR modulators](#)
- [7618990- Oxazolidone derivatives as PR modulators](#)
- [7608739- Mitotic kinesin inhibitors](#)
- [7608712- Pyridine imidazoles and aza-indoles as progesterone receptor modulators](#)
- [7608643- Compounds for inhibiting KSP kinesin activity](#)
- [7601355- Compositions and methods for altering immune function](#)
- [7601359- Compositions and methods for the prevention and treatment of primary and metastatic neoplastic diseases and infectious diseases with heat shock/stress proteins](#)
- [7601700- Modulation of eIF4E expression](#)
- [7604799- EphA4 Antibodies](#)
- [7605236- Antibodies that immunospecifically bind to B lymphocyte stimulator protein](#)
- [7605262- Podophyllotoxin derivatives](#)
- [7605266- Azaindole inhibitors of Aurora kinases](#)
- [7608260- Stabilized immunoglobulins](#)
- [7608394- Methods and compositions for phenotype identification based on nucleic acid methylation](#)
- [7608635- Pyrazole compounds that modulate HSP90 activity](#)
- [7619006- Conjugated psychotropic drugs and uses thereof](#)

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