

Radiation Oncology

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Recent Publications on Radiation Oncology:

- [A histology-based atlas of the C57BL/6J mouse brain deformably registered to in vivo MRI for localized radiation and surgical targeting.](#)
*The C57BL/6J laboratory mouse is commonly used in neurobiological...*21st November, 2009
Department of Radiation Oncology and Molecular Radiation Sciences, Johns- Phys Med Biol. 2009 Nov 20;54(24):7315-7327. ([DOI Direct Link](#))
- [A virtual source model of electron contamination of a therapeutic photon beam.](#)
*The most efficient way of generating particles for Monte Carlo (MC) dose...*21st November, 2009
Section for Biomedical Physics, University Hospital for Radiation- Phys Med Biol. 2009 Nov 20;54(24):7329-7344. ([DOI Direct Link](#))
- [CT Perfusion of Head and Neck Cancer: Why We Should Care versus Why Should We Care!](#)
*The most efficient way of generating particles for Monte Carlo (MC) dose...*21st November, 2009
Departments of Radiology, Otolaryngology, Head and Neck Surgery,Radiation- AJNR Am J Neuroradiol. 2009 Nov 19. ([DOI Direct Link](#))
- [Stereotactic Radiosurgery for Trigeminal Neuralgia Utilizing the BrainLAB Novalis System.](#)
*Stereotactic radiosurgery (SRS) is one of the least invasive treatments...*21st November, 2009
Radiology/Radiation Oncology, Baylor College of Medicine, One, Baylor- Technol Cancer Res Treat. 2009 Dec;8(6):407-412.
- [We need better randomized comparison trials of prostate cancer.](#)
*Stereotactic radiosurgery (SRS) is one of the least invasive treatments...*20th November, 2009
Department of Radiation Oncology, Duke University School of Medicine,- Cancer. 2009 Nov 18. ([DOI Direct Link](#))
- [Selenium in Oncology: From Chemistry to Clinics.](#)
*The essential trace element selenium, which is a crucial cofactor in the...*20th November, 2009
Department of Radiotherapy and Radiation Oncology, Franziskus Hospital,- Molecules. 2009 Oct 12;14(10):3975-3988. ([DOI Direct Link](#))
- [\[Comparison of DNA-dependent protein kinase catalytic subunit expression in two lung adenocarcinoma cell lines with different radiosensitivity.\]](#)
*OBJECTIVE: To investigate DNA-dependent protein kinase catalytic subunit...*20th November, 2009
Department of Radiation Oncology, Guangdong Provincial People's Hospital,- Nan Fang Yi Ke Da Xue Xue Bao. 2009 Nov 20;29(11):2241-2243.
- [Low rate of thoracic toxicity in palliative paraspinal single-fraction stereotactic body radiation therapy.](#)
*BACKGROUND: There has been an increase in the utilization of...*20th November, 2009

- Department of Radiation Oncology, Memorial Sloan-Kettering Cancer Center,- Radiother Oncol. 2009 Nov 16. ([DOI Direct Link](#))
- [Optimal gantry angles and field sizes in kilovoltage cone-beam tomosynthesis for set-up of women with breast cancer undergoing radiotherapy treatment.](#)
*Optimal beam geometry for kilovoltage cone-beam tomosynthesis (CB-TS)...*20th November, 2009
Department of Radiation Oncology, Boston, USA.- Radiother Oncol. 2009 Nov 16. ([DOI Direct Link](#))
 - [\[Current Status and Limitation of Particle Radiation Therapy.\]](#)
*Almost 9, 000 patients have been treated by particle radiation therapy as...*19th November, 2009
Division of Radiation Oncology and Particle Radiation Therapy, National- Gan To Kagaku Ryoho. 2009 Nov;36(11):1801-1805.
 - [The equivalence of multi-criteria methods for radiotherapy plan optimization.](#)
*Several methods can be used to achieve multi-criteria optimization of...*19th November, 2009
Department of Radiation Oncology, Erasmus MC Rotterdam, Groene Hilledijk- Phys Med Biol. 2009 Dec 7;54(23):7199-7209. Epub 2009 Nov 17. ([DOI Direct Link](#))
 - [Fingerprint of Cell Metabolism in the Experimentally Observed Interstitial pH and pO₂ in Solid Tumors.](#)
*Understanding cancer cell metabolism and targeting associated pathways is...*19th November, 2009
Department of Applied Mathematics, University of Waterloo, Waterloo,- Cancer Res. 2009 Nov 17. ([DOI Direct Link](#))
 - [Pharmacologically Increased Tumor Hypoxia Can Be Measured by 18F-Fluoroazomycin Arabinoside Positron Emission Tomography and Enhances Tumor Response to Hypoxic Cytotoxin PR-104.](#)
*PURPOSE: Solid tumors contain microenvironmental regions of hypoxia that...*19th November, 2009
Authors' Affiliations: Campbell Family Institute for Breast Cancer- Clin Cancer Res. 2009 Nov 17. ([DOI Direct Link](#))
 - [High-Throughput Screening Identifies Two Classes of Antibiotics as Radioprotectors: Tetracyclines and Fluoroquinolones.](#)
*PURPOSE: Discovery of agents that protect or mitigate normal tissue from...*19th November, 2009
Authors' Affiliations: Departments of Radiation Oncology and Pathology and- Clin Cancer Res. 2009 Nov 17. ([DOI Direct Link](#))
 - [Expression of Epidermal Growth Factor Receptor \(EGFR\) and Activated EGFR Predict Poor Response to \(Chemo\)radiation and Survival in Cervical Cancer.](#)
*PURPOSE: Activation of the epidermal growth factor receptor (EGFR)...*19th November, 2009
Authors' Affiliations: Departments of Gynecologic Oncology, Pathology,- Clin Cancer Res. 2009 Nov 17. ([DOI Direct Link](#))

BioNews Results for Radiation Oncology

- [Inter V Medical gets exclusive rights from IsoRay to sell Cesium-131 Brachytherapy seeds in Canada](#)
PharmaBiz: Nov 21 2009 7:08AM Matching: radiation oncology
- [Researchers: Radiation Therapy Proven To Be Useful With Pancreatic Cancer Patients](#)
GantDaily.com: Nov 21 2009 6:41AM Matching: radiation oncology
- [Dr. Sunil Gandhi, Cancer & Blood Disease, 11/17/09](#)
Citrus County Chronicle: Nov 21 2009 12:32AM Matching: radiation oncology
- [Rare Pancreatic Cancer Patients May Live Longer When Treated with Radiation Therapy](#)
Newswise: Nov 20 2009 3:01PM Matching: radiation oncology
- [Rare pancreatic cancer patients may live longer when treated with radiation therapy](#)
Science Daily: Nov 20 2009 9:31PM Matching: radiation oncology
- [Rare pancreatic cancer patients may live longer when treated with radiation therapy](#)
Bioscience Technology Online: Nov 20 2009 4:23PM Matching: radiation oncology
- [Study reveals effectiveness of radiation therapy in achieving local control and palliation in patients with](#)

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News-Medical.Net: Nov 20 2009 4:16PM Matching: radiation oncology

- [Rare pancreatic cancer patients may live longer when treated with radiation therapy](#)
EurekAlert!: Nov 20 2009 2:44PM Matching: radiation oncology
- [NY hospitals eye \\$200M cancer killer](#)
Crains NY Business: Nov 20 2009 4:07PM Matching: radiation oncology
- [Cancer Research Grants Announced](#)
Australian Government: Nov 20 2009 1:15AM Matching: radiation oncology
- [Department of Health & Ageing -Cancer Research Grants Announced](#)
Australian Government: Nov 19 2009 11:51PM Matching: radiation oncology
- [Medical News: Radiation Breakthrough Gives Breast Cancer Patients Hope In Single Dose](#)
BioFind: Nov 19 2009 3:45PM Matching: radiation oncology
- [Radiation breakthrough to treat breast cancer patients in one day arrives at CTCA](#)
News-Medical.Net: Nov 19 2009 7:05AM Matching: radiation oncology
- [Radiation Breakthrough Gives Breast Cancer Patients Hope in Single Dose](#)
Healthcare Sales & Marketing Network: Nov 19 2009 4:57AM Matching: radiation oncology
- [Physicist pairs with pharmaceutical scientist to design nano-particles for cancer imaging](#)
CNW Telbec: Nov 19 2009 5:24PM Matching: radiation oncology

Radiation Oncology Patents:



- 7534585- [Multifunctional cytokines](#)
- 7564946- [Orthovoltage radiotherapy](#)
- 7566770- [Humanized collagen antibodies and related methods](#)
- 7567697- [Single-camera tracking of an object](#)
- 7569216- [Anti-virus therapy for respiratory diseases](#)
- 7571174- [Systems, methods, interfaces and software for automated collection and integration of entity data into online databases and professional directories](#)
- 7572442- [Selected antibody compositions for binding to aminophospholipids](#)
- 7572448- [Combined cancer treatment methods using selected antibodies to aminophospholipids](#)
- 7573978- [Variable feathering field splitting for intensity modulated fields of large size](#)
- 7582281- [Ethylenedicysteine \(EC\)-drug conjugates compositions and methods for tissue specific disease imaging](#)
- 7582645- [Pyrimidine derivatives for treatment of hyperproliferative disorders](#)
- 7563222- [Methods and apparatus for intraocular brachytherapy](#)
- 7559905- [HIFU probe for treating tissue with in-line degassing of fluid](#)
- 7557353- [Single-use external dosimeters for use in radiation therapies](#)
- 7534792- [Pyrrolotriazine kinase inhibitors](#)
- 7535991- [Portable orthovoltage radiotherapy](#)
- 7537788- [Post-biopsy cavity treatment implants and methods](#)
- 7537887- [Net, a transcription factor of the TCF family, as regulator of angiogenic factor expression](#)
- 7547274- [Radioactive member and method of making](#)
- 7547686- [Combretastatin A-3 prodrug](#)
- 7550141- [Methods for imaging tumor vasculature using conjugates that bind to aminophospholipids](#)

- 7550752- [Hadron treatment planning with adequate biological weighting](#)
- 7556602- [Breast cancer screening with adjunctive ultrasound mammography](#)
- 7557142- [Therapeutic use of methionine to reduce the toxicity of platinum-containing anti-tumor compounds](#)
- 7585893- [Anti-cancer composition comprising DMXAA or related compound](#)
- 7588528- [Brachytherapy apparatus for dispensing medication](#)
- 7604586- [Radioactive therapeutic apparatus](#)
- 7605160- [Pyrrolotriazine kinase inhibitors](#)
- 7608267- [Multifunctional cytokines](#)
- 7608612- [Radiosensitizer formulations and methods for use](#)
- 7608725- [Processes for nitration of N-substituted imidazoles](#)
- 7615208- [Metal ion-labeled bis-aminoethanethiol-targeting ligand conjugates, compositions, and methods for tissue-specific disease imaging](#)
- 7615223- [Selected immunoconjugates for binding to aminophospholipids](#)
- 7618613- [Method for radiolabeling antibodies with yttrium-90](#)
- 7618627- [Method of increasing radiation sensitivity by inhibition of beta one integrin](#)
- 7620147- [Orthovoltage radiotherapy](#)
- 7604405- [Integrated quality assurance for an image guided radiation treatment delivery system](#)
- 7603164- [Composite system for radiation therapy](#)
- 7601855- [Substituted chroman derivatives, medicaments and use in therapy](#)
- 7588754- [Biodegradable polyacetals and methods](#)
- 7589107- [Amelioration of vitrectomy-induced cataracts](#)
- 7592143- [Methods of treating diseases responsive to induction of apoptosis and screening assays](#)
- 7592317- [Constitutive gene expression in conjunction with ionizing radiation](#)
- 7595378- [Human monoclonal antibodies to epidermal growth factor receptor \(EGFR\)](#)
- 7596207- [Method of accounting for tumor motion in radiotherapy treatment](#)
- 7596404- [Method of chemical imaging to determine tissue margins during surgery](#)
- 7597663- [Adjunctive ultrasound processing and display for breast cancer screening](#)
- 7601113- [Brachytherapy apparatus and methods of using same](#)
- 7601341- [Vascular endothelial growth factor fusion constructs used to inhibit osteoclastogenesis](#)
- 7620444- [Systems and methods for improving usability of images for medical applications](#)

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