

Radiation Oncology

[View the current Radiation Oncology InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Radiation_Oncology.html)

(http://www.bioportfolio.com/indepth/Radiation_Oncology.html)



Recent Publications on Radiation Oncology:

- [Optimized clostridium-directed enzyme prodrug therapy improves the antitumor activity of the novel DNA cross-linking agent PR-104.](#)
*We have previously shown that spores of the nonpathogenic clostridial...*3rd October, 2008
Department of Radiation Oncology, Stanford University School of Medicine,- Cancer Res. 2008 Oct 1;68(19):7995-8003. ([DOI Direct Link](#))
- [Autophagy: a novel mechanism of synergistic cytotoxicity between doxorubicin and roscovitine in a sarcoma model.](#)
*Doxorubicin is a genotoxic chemotherapy agent used in treatment of a wide...*3rd October, 2008
Departments of Surgical Oncology, Experimental Radiation Oncology, and- Cancer Res. 2008 Oct 1;68(19):7966-74. ([DOI Direct Link](#))
- [Phase I trial of erlotinib combined with Cisplatin and radiotherapy for patients with locally advanced cervical squamous cell cancer.](#)
*PURPOSE: This phase I trial was aimed to determine the maximum tolerated...*3rd October, 2008
Authors' Affiliations: Divisions of Medical Oncology, Radiation Oncology,- Clin Cancer Res. 2008 Oct 1;14(19):6324-9. ([DOI Direct Link](#))
- [Single nucleotide polymorphisms, apoptosis, and the development of severe late adverse effects after radiotherapy.](#)
*PURPOSE: Evidence has accumulated in recent years suggestive of a genetic...*3rd October, 2008
Authors' Affiliations: Inserm, U896, Institut de Recherche en Cancerologie- Clin Cancer Res. 2008 Oct 1;14(19):6284-8. ([DOI Direct Link](#))
- [Shedding of Distinct Cryptic Collagen Epitope \(HU177\) in Sera of Melanoma Patients.](#)
*PURPOSE: Extracellular matrix remodeling during tumor growth plays an...*3rd October, 2008
Authors' Affiliations: Departments of Dermatology, Surgery, Medicine,- Clin Cancer Res. 2008 Oct 1;14(19):6253-8. ([DOI Direct Link](#))
- [Review: aggressive fibromatosis and breast implant.](#)
*PURPOSE: Extracellular matrix remodeling during tumor growth plays an...*2nd October, 2008
Department of Radiation Oncology, Hopital De Sion, CH-1952, Sion,- Clin Adv Hematol Oncol. 2008 Sep;6(9):693-4.
- [Radical Hysterectomy in Obese and Morbidly Obese Women With Cervical Cancer.](#)
*OBJECTIVE: To compare intraoperative and postoperative outcomes,...*2nd October, 2008
Departments of Gynecologic Oncology and Radiation Oncology, the University- Obstet Gynecol. 2008 Oct;112(4):899-905. ([DOI Direct Link](#))
- [Broad beam attenuation measurements in lead in kilovoltage X-ray beams.](#)

Broad beam attenuation is dependent on several parameters, such as the... 2nd October, 2008
Department of Radiation Oncology, Case Western Reserve University, - Z Med Phys.
2008;18(3):197-202.

- [Technology Insight: combined external-beam radiation therapy and brachytherapy in the management of prostate cancer.](#)
External-beam radiation therapy (EBRT) combined with brachytherapy is an... 1st October, 2008
MD Hurwitz is Director of Regional Program Development in the Department- Nat Clin Pract Oncol.
2008 Sep 30. ([DOI Direct Link](#))
- [Determining the survival benefit of adjuvant radiotherapy in patients with node-positive head and neck cancer.](#)
Whether postoperative radiotherapy improves survival compared with surgery... 1st October, 2008
G Sanguineti is Associate Professor in the Department of Radiation- Nat Clin Pract Oncol. 2008 Sep 30. ([DOI Direct Link](#))
- [Pituitary tumor type affects the chance of biochemical remission after radiosurgery of hormone-secreting pituitary adenomas.](#)
OBJECTIVE: Reported biochemical remission rates have ranged widely after... 1st October, 2008
Departments of Neurological Surgery and Radiation Oncology, Mayo Clinic- Neurosurgery. 2008 Jun;62(6):1271-6; discussion 1276-8. ([DOI Direct Link](#))
- [TUMOR BED RADIOSURGERY AFTER RESECTION OF CEREBRAL METASTASES.](#)
OBJECTIVE: Adjuvant irradiation after resection of brain metastases reduces... 1st October, 2008
Division of Neurosurgery/Neuro-oncology, Centre Hospitalier Universitaire- Neurosurgery. 2008 Sep 15. ([DOI Direct Link](#))
- [Tumor hypoxia blocks Wnt processing and secretion through the induction of endoplasmic reticulum stress.](#)
Poorly formed tumor blood vessels lead to regions of microenvironmental... 1st October, 2008
Division of Radiation and Cancer Biology, Department of Radiation- Mol Cell Biol. 2008 Sep 29. ([DOI Direct Link](#))
- [Unusual tumor response and toxicity from radiation and concurrent erlotinib for non-small-cell lung cancer.](#)
We report a case of a never-smoker female with non-small-cell lung cancer... 1st October, 2008
Harvard Radiation Oncology Program, Boston Medical Center, MA Department- Clin Lung Cancer.
2008 Sep;9(5):285-7. ([DOI Direct Link](#))
- [Retrospective Analysis of Artifacts in Four-Dimensional CT Images of 50 Abdominal and Thoracic Radiotherapy Patients.](#)
PURPOSE: To quantify the type, frequency, and magnitude of artifacts in... 1st October, 2008
Department of Radiation Oncology, Stanford University School of Medicine, - Int J Radiat Oncol Biol Phys. 2008 Sep 25. ([DOI Direct Link](#))

BioNews Results for Radiation Oncology

- [Study Suggests Age Alone Should Not Be Used To Determine Whether or Not to Treat Prostate Cancer with Hormones](#)
Fox Chase Cancer Center: Oct 3 2008 10:02PM Matching: radiation oncology
- [Young Women with Early Form of Breast Cancer No More Likely to Experience Recurrence Than Older Women](#)
Fox Chase Cancer Center: Oct 3 2008 10:02PM Matching: radiation oncology
- [Medicare HMO costs may prevent cancer patient clinical trial participation](#)
Calibre Macro World: Oct 3 2008 1:45AM Matching: radiation oncology
- [Percutaneous Transhepatic Techniques for Removal of Endoscopically Placed Biliary Plastic](#)

Endoprotheses

MDLinx: Oct 3 2008 5:54AM Matching: radiation oncology

- [Syracuse Radiation Oncology Now Offering Cancer Patients a Faster Form of Ultra-Precise Radiotherapy Using New](#)

PR Newswire: Oct 2 2008 3:23PM Matching: radiation oncology

- [Syracuse Radiation Oncology Now Offering Cancer Patients a Faster Form of Ultra-Precise Radiotherapy Using New](#)

Columbus Business First: Oct 2 2008 12:45PM Matching: radiation oncology

- [Syracuse Radiation Oncology Now Offering Cancer Patients a Faster Form of Ultra-Precise Radiotherapy Using New](#)

Portland Business Journal: Oct 2 2008 12:35PM Matching: radiation oncology

- [Syracuse Radiation Oncology Now Offering Cancer Patients a Faster Form of Ultra-Precise Radiotherapy Using New](#)

Cincinnati Business Journal: Oct 2 2008 12:29PM Matching: radiation oncology

- [Syracuse Radiation Oncology Now Offering Cancer Patients a Faster Form of Ultra-Precise Radiotherapy Using New](#)

FinanzNachrichten.de: Oct 2 2008 12:17PM Matching: radiation oncology

- [Syracuse Radiation Oncology Now Offering Cancer Patients a Faster Form of Ultra-Precise Radiotherapy Using New](#)

Calibre Macro World: Oct 2 2008 12:15PM Matching: radiation oncology

- [Syracuse Radiation Oncology Now Offering Cancer Patients a Faster Form of Ultra-Precise Radiotherapy Using New](#)

Houston Chronicle: Oct 2 2008 12:13PM Matching: radiation oncology

- [Many cancer patients forgo painkillers](#)

Cancer.net: Oct 2 2008 12:11AM Matching: radiation oncology

- [Hormone therapy increased risk for mortality in older men with prostate cancer](#)

Hemonctoday: Oct 2 2008 5:13AM Matching: radiation oncology

- [Study Links Poor Outcomes Involving ESAs With High](#)

Pharmacy Practice News: Oct 2 2008 4:06AM Matching: radiation oncology

- [Prostate Cancer Studies Break New Ground](#)

Dotmed: Oct 2 2008 1:35AM Matching: radiation oncology

Radiation Oncology Clinical Trials:



- [TPF Plus Cisplatin and Radiotherapy vs TPF Plus Cetuximab and Radiotherapy to Treat Head and Neck Cancer.](#)

Head and Neck Cancer



Radiation Oncology Patents:

- 7338670- [Use of an agent that restores tissue perfusion and oxygenation](#)
- 7364726- [Pharmaceutical composition for cancer treatment containing cells that express a membrane cytokine](#)
- 7364757- [Methods of treating vascular disease](#)
- 7368100- [Backbone-substituted bifunctional DOTA ligands, complexes and compositions thereof, and methods of using same](#)
- 7368440- [Methods for the administration of amifostine and related compounds](#)
- 7371741- [Estradiol derivatives and pharmaceutical compositions using same](#)
- 7373676- [Patient support apparatus and method therefor](#)
- 7375132- [Compounds and methods for inhibiting cellular responses to hypoxia](#)
- 7378056- [Circuits for in vivo detection of biomolecule concentrations using fluorescent tags](#)
- 7378395- [Mutants of bone morphogenetic proteins](#)
- 7379531- [Beam therapy treatment user interface monitoring and recording system](#)
- 7361730- [Surface localized colligin/Hsp47 in carcinoma cells](#)
- 7361135- [Brachytherapy system for dispensing medication](#)
- 7358258- [Prodrugs of an ERK protein kinase inhibitor](#)
- 7338957- [Compounds and compositions as protein kinase inhibitors](#)
- 7344710- [Combination bacteriolytic therapy for the treatment of tumors](#)
- 7346144- [In vivo planning and treatment of cancer therapy](#)
- 7348335- [Compositions useful as inhibitors of JAK and other protein kinases](#)
- 7349522- [Dynamic radiation therapy simulation system](#)
- 7351712- [Pyrimidine derivatives for the treatment of abnormal cell growth](#)
- 7352370- [Four-dimensional volume of interest](#)
- 7355682- [Remote center range finder](#)
- 7357801- [Tissue specimen isolating and damaging device and method](#)
- 7357934- [Intracranial botulinum toxin therapy for focal epilepsy](#)
- 7381178- [Treatment of spinal metastases](#)
- 7381560- [Expression and use of anti-CD20 antibodies](#)
- 7405213- [Pyrrolotriazine compounds useful as kinase inhibitors and methods of treating kinase-associated conditions therewith](#)
- 7407054- [Packaged systems for implanting markers in a patient and methods for manufacturing and using such systems](#)
- 7407477- [Strand with end plug](#)
- 7412029- [Treatment planning, simulation, and verification system](#)
- 7412285- [Method and device for treating cancer with electrical therapy in conjunction with chemotherapeutic agents and radiation therapy](#)
- 7413556- [Sheath for use with an ultrasound element](#)
- 7422588- [Pen-type electrosurgical instrument](#)
- 7422738- [Combined cancer treatment methods using antibodies to aminophospholipids](#)
- 7422739- [Anti-CD20 antibodies](#)
- 7423065- [Therapeutic use of methionine-derivatives to reduce the toxicity of noise](#)
- 7403638- [Method and system for monitoring breathing activity of a subject](#)
- 7402582- [Pyrrolotriazine compounds useful as kinase inhibitors and methods of treating kinase-associated conditions therewith](#)

- 7402392- [In vivo panning for ligands to radiation-induced molecules](#)
- 7381713- [Treatment of cancer by reduction of intracellular energy and pyrimidines](#)
- 7381722- [Tetracyclic amino and carboxamido compounds and methods of use thereof](#)
- 7384623- [High energy phototherapeutic agents](#)
- 7384977- [Water soluble paclitaxel prodrugs](#)
- 7387881- [Detection and treatment of cancers of the liver](#)
- 7395563- [Support system for use when performing medical imaging of a patient](#)
- 7396859- [Perturbed membrane-binding compounds](#)
- 7398309- [Proton beam therapy control system](#)
- 7399977- [Apparatus and method for determining radiation dose](#)
- 7400755- [Inverse planning using optimization constraints derived from image intensity](#)
- 7425421- [Method for the enumeration of micronucleated erythrocyte populations while distinguishing platelets and/or platelet-associated aggregates](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Wessex Barn, Dorchester Road, Frampton, Dorset, DT2 9NB, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2008 - BioPortfolio Limited.

