

# Radioimmunodetection

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## Recent Publications on Radioimmunodetection:

- [Preclinical radioimmunotargeting of folate receptor alpha using the monoclonal antibody conjugate DOTA-MORAb-003.](#)  
*INTRODUCTION: The in vitro and in vivo behavior of the radiolabeled...*5th August, 2008  
Nuclear Medicine Service, Department of Radiology, Memorial Sloan- Nucl Med Biol. 2008 Apr;35(3):343-51. ([DOI Direct Link](#))
- [Comparison of the biodistribution and tumor targeting of two 99mTc-labeled anti-EGFR nanobodies in mice, using pinhole SPECT/micro-CT.](#)  
*Camelidae possess an unusual class of antibodies devoid of light chains....*22nd July, 2008  
In Vivo Cellular and Molecular Imaging Laboratory, Vrije Universiteit- J Nucl Med. 2008 May;49(5):788-95. Epub 2008 Apr 15. ([DOI Direct Link](#))
- [Adhesive growth of pancreatic islet cells on a polyglycolic acid fibrous scaffold.](#)  
*BACKGROUND: The use of cultured pancreatic islet cells for diabetes...*1st July, 2008  
Department of Applied Chemistry, Harbin Institute of Technology, Harbin,- Transplant Proc. 2008 Jun;40(5):1658-63. ([DOI Direct Link](#))
- [Biodistribution and tumor imaging of an anti-CEA single-chain antibody-albumin fusion protein.](#)  
*Albumin fusion proteins have demonstrated the ability to prolong the in...*28th May, 2008  
Division of Cancer Immunotherapeutics and Tumor Immunology, Beckman- Nucl Med Biol. 2008 Feb;35(2):151-8. ([DOI Direct Link](#))
- [Vascular imaging of solid tumors in rats with a radioactive arsenic-labeled antibody that binds exposed phosphatidylserine.](#)  
*PURPOSE: We recently reported that anionic phospholipids, principally...*24th May, 2008  
Institute of Nuclear Chemistry, Johannes Gutenberg-University of Mainz,- Clin Cancer Res. 2008 Mar 1;14(5):1377-85. ([DOI Direct Link](#))
- [Development of multivalent radioimmunonanoparticles for cancer imaging and therapy.](#)  
*BACKGROUND: Noninvasive, focused hyperthermia can be achieved by using an...*23rd May, 2008  
Department of Internal Medicine, University of California Davis,- Cancer Biother Radiopharm. 2008 Feb;23(1):82-91. ([DOI Direct Link](#))
- [Single photon emission computerized tomography with capromab pendetide plus computerized tomography image set co-registration independently predicts biochemical failure.](#)  
*PURPOSE: We evaluate the usefulness of pretreatment (111)Indium capromab...*21st May, 2008  
Department of Radiation Oncology, Aultman Hospital, Canton, Ohio, USA.- J Urol. 2008 May;179(5):1768-73; discussion 1773-4. Epub 2008 Mar 17. ([DOI Direct Link](#))
- [The emergence of imaging technology in advanced prostate cancer.](#)

*Rapid advances in imaging technology have whetted our collective appetites...* 7th March, 2008  
Department of Medical Affairs, Cytogen Corporation, Princeton, NJ, USA.- *Can J Urol.* 2007 Dec;14  
Suppl 1:32-8.

- [Cancer Imaging and Therapy with Bispecific Antibody Pretargeting.](#)  
*This article reviews recent preclinical and clinical advances in the use...* 4th March, 2008  
Garden State Cancer Center, Center for Molecular Medicine and Immunology,- *Update Cancer Ther.*  
2007 Mar;2(1):19-31. ([DOI Direct Link](#))
- [Immuno-PET: a navigator in monoclonal antibody development and applications.](#)  
*Monoclonal antibodies (mAbs) have been approved for use as diagnostics and...* 29th February, 2008  
Department of Otolaryngology, Head and Neck Surgery, VU University Medical- *Oncologist.* 2007  
Dec;12(12):1379-89. ([DOI Direct Link](#))
- [SPECT imaging with 99mTc-labeled EGFR-specific nanobody for in vivo monitoring of EGFR expression.](#)  
*PURPOSE: Overexpression of the epidermal growth factor receptor (EGFR)...* 26th February, 2008  
Laboratory of Cellular and Molecular Immunology, Vrije Universiteit- *Mol Imaging Biol.* 2008  
May-Jun;10(3):167-75. Epub 2008 Feb 23. ([DOI Direct Link](#))
- [Development of radioimmunotherapeutic and diagnostic antibodies: an inside-out view.](#)  
*Only a handful of radiolabeled antibodies (Abs) have gained US Food and...* 21st February, 2008  
Radioimmune and Inorganic Chemistry Section, Radiation Oncology Branch,- *Nucl Med Biol.* 2007  
Oct;34(7):757-78. Epub 2007 Jun 8. ([DOI Direct Link](#))
- [The roles of PET and PET/CT in the diagnosis and management of prostate cancer.](#)  
*2-(18)F-fluoro-2-deoxy-D-glucose (FDG)-positron emission tomography (PET)...* 19th February, 2008  
Department of Radiology, Yokohama City University School of Medicine,- *Oncology.*  
2007;72(3-4):226-33. Epub 2008 Jan 7. ([DOI Direct Link](#))
- [Brachytherapy for the treatment of prostate cancer.](#)  
*Low-dose rate brachytherapy has become a mainstream treatment option for...* 5th January, 2008  
Department of Radiation Oncology, The Mount Sinai School of Medicine,- *Cancer J.* 2007  
Sep-Oct;13(5):302-12. ([DOI Direct Link](#))
- [Operative probe scintimetry with indium and technetium for colorectal cancer.](#)  
*Surgeons introduced the hand-held gamma detection probe in combination...* 6th October, 2007  
Department of Surgery, Baylor University, Dallas, TX 75246, USA.- *J Surg Oncol.* 2007 Sep  
15;96(4):290-6. ([DOI Direct Link](#))

#### Radioimmunodetection Clinical Trials:



- [Imaging Colo-Rectal Cancer Using a Two Step Antibody Technique in Nuclear Imaging](#)  
*Colonic Neoplasms*



## Radioimmuno-detection Patents:

- 7033572- [Non-antigenic toxin-conjugate and fusion protein of internalizing receptor system](#)
- 7172751- [D-amino acid peptides](#)
- 7173125- [Triphosphate oligonucleotide modification reagents and uses thereof](#)
- 7183076- [Method for making multispecific antibodies having heteromultimeric and common components](#)
- 7183388- [Anti-MUC-1 single chain antibodies for tumor targeting](#)
- 7195750- [Clinical parameters for determining hematologic toxicity prior to radioimmunotherapy](#)
- 7201890- [Intraoperative, intravascular and endoscopic tumor and lesion detection, biopsy and therapy](#)
- 7214368- [Therapeutic regimen for treating cancer comprising the administration of adenoviral vectors comprising a TNF-.alpha. transgene](#)
- 7220399- [Alpha or beta emitters attached to fragments in radioimmunotherapy](#)
- 7223380- [Ethylenedicysteine \(EC\)-drug conjugates, compositions and methods for tissue specific disease imaging](#)
- 7229604- [Ethylenedicysteine \(EC\)-drug conjugates, compositions and methods for tissue specific disease imaging](#)
- 7163680- [Treatment and diagnosis of cancer](#)
- 7147856- [Stable radioiodine conjugates and methods of their synthesis](#)
- 7138103- [Use of bi-specific antibodies for pre-targeting diagnosis and therapy](#)
- 7049408- [Antibody reactive with a protein having pre-B cell growth-supporting ability](#)
- 7052872- [Bi-specific antibodies for pre-targeting diagnosis and therapy](#)
- 7067111- [Ethylenedicysteine \(EC\)-drug conjugates, compositions and methods for tissue specific disease imaging](#)
- 7074403- [Immunotherapy of autoimmune disorders using antibodies which target B-cells](#)
- 7074405- [Use of bi-specific antibodies for pre-targeting diagnosis and therapy](#)
- 7102024- [Functional biopolymer modification reagents and uses thereof](#)
- 7112317- [Combined methods and compositions for tumor vasculature targeting and tumor treatment](#)
- 7112412- [Treatment and diagnosis of prostate cancer](#)
- 7125541- [Combined methods for tumor vasculature targeting and tumor treatment with radiotherapy](#)
- 7135182- [Inhibition of transglutaminase-mediated microbial interaction with a mammalian host](#)
- 7230085- [Anti-DOTA antibody](#)
- 7232888- [Antibodies against tumor surface antigens](#)
- 7335744- [Prostate cancer specific internalizing human antibodies](#)
- 7344715- [Method for treating multiple myeloma](#)
- 7348419- [Humanization of an anti-carcinoembryonic antigen anti-idiotypic antibody as a tumor vaccine and for targeting applications](#)
- 7373197- [Methods and devices to expand applications of intraoperative radiation probes](#)
- 7381560- [Expression and use of anti-CD20 antibodies](#)
- 7387772- [Chimeric, human and humanized anti-CSAP monoclonal antibodies](#)
- 7390635- [Recombinant peptides derived from the Mc3 anti-BA46 antibody, methods of use thereof, and methods of humanizing antibody peptides](#)
- 7405320- [Therapeutic and diagnostic conjugates for use with multispecific antibodies](#)
- 7412279- [Systems and methods for targeted magnetic resonance imaging of the vascular system](#)
- 7413736- [Humanization of an anti-carcinoembryonic antigen anti-idiotypic antibody as a tumor vaccine and for targeting applications](#)

- 7332585- [Bispecific single chain Fv antibody molecules and methods of use thereof](#)
- 7332580- [Bispecific single chain Fv antibody molecules and methods of use thereof](#)
- 7320791- [Monoclonal antibody for analysis and clearance of polyethylene glycol and polyethylene glycol-modified molecules](#)
- 7238775- [Receptor\(SSTR4\)-selective somatostatin analogs](#)
- 7238785- [RS7 antibodies](#)
- 7247302- [Method for inhibiting immunoglobulin-induced toxicity resulting from the use of immunoglobulins in therapy and in vivo diagnosis](#)
- 7259249- [Method for preparing conjugates of proteins and chelating agents](#)
- 7261875- [Dendritic poly \(amino acid\) carriers and methods of use](#)
- 7279289- [Method of evaluating myelosuppressive state](#)
- 7300644- [Targeted combination immunotherapy](#)
- 7300655- [Alpha-fetoprotein Immu31 antibodies and fusion proteins and methods of use thereof](#)
- 7306783- [Membrane-permeant peptide complexes for medical imaging, diagnostics, and pharmaceutical therapy](#)
- 7306784- [Membrane-permeant peptide complexes for medical imaging, diagnostics, and pharmaceutical therapy](#)
- 7414121- [Chimeric, human and humanized anti-CSAp monoclonal antibodies](#)

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