

Radiation Genetics

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

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



Recent Publications on Radiation Genetics:

- [\[Genetic investigations of low doze irradiation influence on life span\]](#)
*It is reviewed the achievements in the field of radiation-genetics...*1st October, 2008
- Radiats Biol Radioecol. 2008 Mar-Apr;48(2):139-45.
- [Stepwise chromatin remodelling by a cascade of transcription initiation of non-coding RNAs.](#)
*Recent transcriptome analyses using high-density tiling arrays and data...*30th September, 2008
[1] Cellular & Molecular Biology Laboratory, RIKEN Advanced Science- Nature. 2008 Sep 28. ([DOI Direct Link](#))
- [Genetic variations in DNA repair genes, radiosensitivity to cancer and susceptibility to acute tissue reactions in radiotherapy-treated cancer patients.](#)
*Ionizing radiation is a well established carcinogen for human cells. At...*30th September, 2008
Department of Pathology, University of Pittsburgh, Pittsburgh, USA.- Acta Oncol. 2008;47(5):809-24. ([DOI Direct Link](#))
- [The 9-1-1 DNA clamp is required for immunoglobulin gene conversion.](#)
*Chicken DT40 cells deficient in the 9-1-1 checkpoint clamp exhibit...*30th July, 2008
Department of Radiation Genetics, Kyoto University Graduate School of- Mol Cell Biol. 2008 Oct;28(19):6113-22. Epub 2008 Jul 28. ([DOI Direct Link](#))
- [DNA damage response protein ASCIZ links base excision repair with immunoglobulin gene conversion.](#)
*ASCIZ (ATMIN) was recently identified as a novel DNA damage response...*17th June, 2008
Department of Radiation Genetics, Graduate School of Medicine, Kyoto- Biochem Biophys Res Commun. 2008 Jun 27;371(2):225-9. Epub 2008 Apr 21. ([DOI Direct Link](#))
- [Genetic markers for prediction of normal tissue toxicity after radiotherapy.](#)
*During the last decade, a number of studies have supported the hypothesis...*9th May, 2008
Department of Experimental Clinical Oncology, Aarhus University Hospital,- Semin Radiat Oncol. 2008 Apr;18(2):126-35. ([DOI Direct Link](#))
- [Reflections on the impact of advances in the assessment of genetic risks of exposure to ionizing radiation on international radiation protection recommendations between the mid-1950s and the present.](#)
*Efforts at protecting people against the harmful effects of radiation had...*15th April, 2008
Department of Toxicogenetics, Leiden University Medical Centre,- Mutat Res. 2008 Jan-Feb;658(1-2):1-27. Epub 2007 Nov 17. ([DOI Direct Link](#))
- [Dynamic events of sister chromosomes in the cell cycle of Escherichia coli.](#)
*Various events involving partitioning of sister chromosomes were precisely...*8th March, 2008
Department of Radiation Genetics, Graduate School of Medicine, Kyoto- Genes Cells. 2008

- Feb;13(2):181-97. ([DOI Direct Link](#))
- [Ctp1/CtIP and the MRN complex collaborate in the initial steps of homologous recombination.](#)
*In a recent issue of Molecular Cell, Limbo et al. (2007) identify a new...*23rd January, 2008
Department of Radiation Genetics, Kyoto University Graduate School of- Mol Cell. 2007 Nov
9;28(3):351-2. ([DOI Direct Link](#))
 - [Inhibitors of the proteasome suppress homologous DNA recombination in mammalian cells.](#)
*Proteasome inhibitors are novel antitumor agents against multiple myeloma...*6th December, 2007
Department of Radiation Genetics, Horizontal Medical Research- Cancer Res. 2007 Sep
15;67(18):8536-43. ([DOI Direct Link](#))
 - [An essential role for Cdk1 in S phase control is revealed via chemical genetics in vertebrate cells.](#)
*In vertebrates Cdk1 is required to initiate mitosis; however, any...*25th August, 2007
Department of Radiation Genetics, Kyoto University Graduate School of- J Cell Biol. 2007 Jul
16;178(2):257-68. ([DOI Direct Link](#))
 - [A large vision with a small focus: from the organ to the cell.](#)
*OBJECTIVES: To evaluate the possible genotoxic effect of radiation...*24th August, 2007
NCI/DCTD/RRP/CROB, EPN/6002, Rockville, MD 20892-7440, USA.- J Am Coll Radiol. 2004
Oct;1(10):719. ([DOI Direct Link](#))
 - [Synchronization of cells.](#)
*Synchronization of cells is essential to study cell cycle specific events...*1st August, 2007
Radiation Genetics, Graduate School of Medicine, Kyoto University, Yoshida- Subcell Biochem.
2006;40:415-8.
 - [Phenotypic analysis of cellular responses to DNA damage.](#)
*Since the establishment of the first mutant DT40 cell line, a large panel...*1st August, 2007
Dep. of Radiation Genetics, Graduate School Medicine, Kyoto University- Subcell Biochem.
2006;40:313-25.
 - [Micronucleus test in buccal epithelium cells from patients subjected to panoramic radiography.](#)
*OBJECTIVES: To evaluate the possible genotoxic effect of radiation...*31st July, 2007
Laboratory Radiation Genetics, National Centre of Radiobiology and- Dentomaxillofac Radiol. 2007
Mar;36(3):168-71. ([DOI Direct Link](#))

BioNews Results for Radiation Genetics

- [An Overview of Prostate Cancer: Diagnosis and Treatment](#)
Red Orbit: Sep 30 2008 1:27PM Matching: radiation genetics
- [Prostate cancer hormone therapy may raise mortality](#)
QualityHealth.com: Sep 29 2008 7:20AM Matching: radiation genetics
- [Prostate Cancer Symposium - Tuesday, September 16](#)
The Desert Sun: Sep 13 2008 4:26AM Matching: radiation genetics
- [Waking a sleeping giant](#)
Checkbiotech: Sep 8 2008 6:15PM Matching: radiation genetics

Radiation Genetics Patents:



- 7319034- [Modifications of apoptin](#)

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.

