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Contact Details:

8901 Wisconsin Ave

Bethesda

MD

20889

United States of America

Tel:

Fax:

Email:

Recent Publications by Afrii:



- [Resident bacteria in a mixed population of rhesus macaque \(*Macaca mulatta*\) monkeys: a prevalence study.](#)
BACKGROUND: Microflora populations residing in oropharyngeal and... 10th November, 2009
Veterinary Sciences Department, Uniformed Services University of the- J Med Primatol. 2009 Dec;38(6):397-403.
- [Multiple blood-proteins approach for early-response exposure assessment using an in vivo murine radiation model.](#)
Purpose: The aim was to evaluate the utility of multiple blood-protein... 30th October, 2009
Uniformed Services University (USU), Armed Forces Radiobiology Research- Int J Radiat Biol. 2009 Oct;85(10):837-50.
- [Geldanamycin analog 17-DMAG inhibits iNOS and caspases in gamma-irradiated human T cells.](#)
Inducible nitric oxide synthase (iNOS) expression and NO production... 16th October, 2009
Department of Radiation Biology, Armed Forces Radiobiology Research- Radiat Res. 2009 Sep;172(3):321-30. ([DOI Direct Link](#))
- [Tocopherol succinate: a promising radiation countermeasure.](#)
Vitamin E is composed of a family of eight isomers known as tocots;... 9th September, 2009
Department of Radiation Biology, F. Edward Hebert School of Medicine,- Int Immunopharmacol. 2009 Nov;9(12):1423-30. Epub 2009 Sep 6. ([DOI Direct Link](#))
- [Effects of genistein administration on cytokine induction in whole-body gamma irradiated mice.](#)
The development of an effective pharmacological countermeasure is needed... 1st September, 2009
Department of Radiation Biology, F. Edward Hebert School of Medicine,- Int Immunopharmacol. 2009 Nov;9(12):1401-10. Epub 2009 Aug 28. ([DOI Direct Link](#))

- [Up-regulation of autophagy in small intestine Paneth cells in response to total-body gamma-irradiation.](#)
*Macroautophagy (mAG) is a lysosomal mechanism of degradation of cell...*15th August, 2009
Armed Forces Radiobiology Research Institute, Bethesda, MD 20889-5603,- J Pathol. 2009
Oct;219(2):242-52. ([DOI Direct Link](#))
- [Gamma-tocotrienol, a tocol antioxidant as a potent radioprotector.](#)
*PURPOSE: To assess the radioprotective potential of gamma-tocotrienol....*12th August, 2009
Armed Forces Radiobiology Research Institute, USUHS, Bethesda, USA.- Int J Radiat Biol. 2009
Jul;85(7):598-606. ([DOI Direct Link](#))
- [Differential radio-sensitivities of human chromosomes 1 and 2 in one donor in interphase- and metaphase-spreads after 60Co gamma-irradiation.](#)
*ABSTRACT: BACKGROUND: Radiation-induced chromosome aberrations lead to a...*18th June, 2009
Armed Forces Radiobiology Research Institute, Uniformed Services- BMC Med Phys. 2009 Jun 16;9:6.
([DOI Direct Link](#))
- [Radiation protection by a new chemical entity, Ex-Rad: efficacy and mechanisms.](#)
*Ex-Rad is among a series of small molecule kinase inhibitors developed for...*8th April, 2009
Armed Forces Radiobiology Research Institute, USUHS, Bethesda, Maryland- Radiat Res. 2009
Feb;171(2):173-9. ([DOI Direct Link](#))
- [DNA methylation during depleted uranium-induced leukemia.](#)
*OBJECTIVES: The radioactive heavy metal depleted uranium (DU) is used in...*28th March, 2009
Scientific Research Department, Armed Forces Radiobiology Research- Biochimie. 2009
Oct;91(10):1328-30. Epub 2009 Mar 24. ([DOI Direct Link](#))
- [Role of NF-kappaB in hematopoietic niche function of osteoblasts after radiation injury.](#)
*OBJECTIVE: Hematopoietic tissue is very sensitive to ionizing radiation...*20th February, 2009
Radiation Countermeasures Program, Armed Forces Radiobiology Research- Exp Hematol. 2009
Jan;37(1):52-64. Epub 2008 Oct 26. ([DOI Direct Link](#))
- [Evaluation of EUK-189, a synthetic superoxide dismutase/catalase mimetic as a radiation countermeasure.](#)
*EUK-189, a salen-manganese complex and superoxide dismutase/catalase...*14th August, 2008
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- [Administration of 5-androstenediol to mice: pharmacokinetics and cytokine gene expression.](#)
*The development of an effective pharmacological countermeasure is needed...*30th May, 2008
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- [Inhibition of inducible nitric-oxide synthase protects human T cells from hypoxia-induced apoptosis.](#)
*Sodium cyanide-induced chemical hypoxia triggers a series of biochemical...*9th April, 2008
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Mar;73(3):738-47. Epub 2007 Dec 13. ([DOI Direct Link](#))
- [Geldanamycin inhibits hemorrhage-induced increases in caspase-3 activity: role of inducible nitric oxide synthase.](#)
*Hemorrhage has been shown to increase inducible nitric oxide synthase...*21st December, 2007
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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)

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