

K562 Cells

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Recent Publications on K562 Cells:

- [Cotreatment with Vorinostat Enhances Activity of MK-0457 \(VX-680\) against Acute and Chronic Myelogenous Leukemia Cells.](#)
PURPOSE: We determined the effects of vorinostat (suberoylanalide...3rd October, 2008
Authors' Affiliations: Medical College of Georgia Cancer Center, Augusta,- Clin Cancer Res. 2008 Oct 1;14(19):6106-15. ([DOI Direct Link](#))
- [Modulation of reactive oxygen species by antioxidants in chronic myeloid leukemia cells enhances imatinib sensitivity through survivin downregulation.](#)
Survivin, a member of the inhibitor of apoptosis protein family and a...2nd October, 2008
Laboratorio de Hematologia Celular e Molecular, Servico de Hematologia,- Anticancer Drugs. 2008 Nov;19(10):975-81. ([DOI Direct Link](#))
- [In vitro and in vivo Study of Cell Growth Inhibition of Simvastatin on Chronic Myelogenous Leukemia Cells.](#)
Background: Statins, a family of 3-hydroxy-3-methylglutaryl CoA (HMG CoA)...1st October, 2008
Clinical Laboratory Department, Sichuan Academy of Medical Sciences and- Chemotherapy. 2008 Sep 30;54(6):438-446. ([DOI Direct Link](#))
- [Autophagy and autophagic cell death are next targets for elimination of the resistance to tyrosine kinase inhibitors.](#)
Autophagy, a cellular degradation system has been demonstrated in some...1st October, 2008
Department of Clinical Chemotherapy, Cancer Chemotherapy Center, Japanese- Cancer Sci. 2008 Sep 22. ([DOI Direct Link](#))
- [Dihydroartemisinin down-regulates the expression of transferrin receptor in myeloid leukemia cells\]](#)
This article reports the effect of dihydroartemisinin (DHA) on transferrin...1st October, 2008
College of Pharmaceutical Sciences, Zhejiang University, Hangzhou 310058,- Yao Xue Xue Bao. 2008 Jun;43(6):576-83.
- [Silencing of membrane-associated sialidase Neu3 diminishes apoptosis resistance and triggers megakaryocytic differentiation of chronic myeloid leukemic cells K562 through the increase of ganglioside GM3.](#)
In chronic myeloid leukemia K562 cells, differentiation is also blocked...30th September, 2008
1Department of Medical Chemistry, Biochemistry and Biotechnology,- Cell Death Differ. 2008 Sep 26. ([DOI Direct Link](#))
- [The c-myb Protooncogene and microRNA \(miR\)-15a comprise an active autoregulatory feedback loop in human hematopoietic cells.](#)
The c-myb proto-oncogene encodes an obligate hematopoietic cell...27th September, 2008

- Division of Hematology/Oncology, Department of Medicine, University of- Blood. 2008 Sep 25. ([DOI Direct Link](#))
- [Enhanced alternative splicing of the FLVCR1 gene in Diamond Blackfan anemia disrupts FLVCR1 expression and function that are critical for erythropoiesis.](#)
*Background Diamond-Blackfan Anemia is a fatal congenital anemia...*26th September, 2008
 The Hospital for Sick Children, Toronto, ON, Canada.- Haematologica. 2008 Sep 24. ([DOI Direct Link](#))
 - [Large scale mass spectrometric profiling of peptides eluted from HLA molecules reveals N-terminal-extended peptide motifs.](#)
*The majority of >2000 HLA class I molecules can be clustered according to...*20th September, 2008
 Department of Pathology, University of Utah, Salt Lake City, UT 84112,- J Immunol. 2008 Oct 1;181(7):4874-82.
 - [Expression Profile of CREB knockdown in Myeloid Leukemia Cells.](#)
*ABSTRACT: BACKGROUND: The cAMP Response Element Binding Protein, CREB, is...*20th September, 2008
 - BMC Cancer. 2008 Sep 18;8(1):264. ([DOI Direct Link](#))
 - [\[Role of High Mobility Group Box 1 in Adriamycin-induced Apoptosis in Leukemia K562 Cells.\]](#)
*BACKGROUND & OBJECTIVE: High mobility group box I (HMGB1), a nuclear...*19th September, 2008
 Department of Pediatrics, Xiangya Hospital, Central South University,- Ai Zheng. 2008 Sep;27(9):929-33.
 - [Ligation of CD44 leads to killing activity in human peripheral mononuclear cells via MAP kinase and tyrosine kinases.](#)
*CD44 is a widely distributed transmembrane glycoprotein associated with...*18th September, 2008
 Department of Internal Medicine, Social Insurance Funabashi Central- Hematology. 2008 Aug;13(4):230-5. ([DOI Direct Link](#))
 - [Antileukemia effects of xanthohumol in Bcr/Abl-transformed cells involve nuclear factor-kappaB and p53 modulation.](#)
*The oncogenic Bcr-Abl tyrosine kinase activates various signaling pathways...*16th September, 2008
 Oncologia Molecolare, Istituto Nazionale per la Ricerca sul Cancro, L.go- Mol Cancer Ther. 2008 Sep;7(9):2692-702. ([DOI Direct Link](#))
 - [A colorimetric microplate assay method for high-throughput analysis of arginase activity in vitro.](#)
*Several analytical methods have been developed for the determination of...*16th September, 2008
 Division of Hematology and Oncology, Children's Mercy Hospital, and- Anal Biochem. 2008 Aug 23. ([DOI Direct Link](#))
 - [Molecular Basis of the Complement Receptor Type 2 \(CR2/CD21\) - Epstein-Barr Virus Glycoprotein gp350 Interaction.](#)
*Binding of the Epstein-Barr virus glycoprotein gp350 by complement...*13th September, 2008
 Department of Medicine and Immunology, University of Colorado Denver, 1775- J Virol. 2008 Sep 10. ([DOI Direct Link](#))

K562 Cells Clinical Trials:



- [Vaccination With Lethally Irradiated Glioma Cells Mixed With GM-K562 Cells in Patients Undergoing Craniotomy For Recurrent Tumor](#)
Glioma Intervention: Biological: GM-K562 Vaccination



K562 Cells Patents:

- 7364865- [Antibodies to myeloid progenitor inhibitory factor-1 \(MPIF-1\)](#)
- 7390483- [Universal GM-CSF expressing bystander human K562 cell line](#)
- 7390635- [Recombinant peptides derived from the Mc3 anti-BA46 antibody, methods of use thereof, and methods of humanizing antibody peptides](#)
- 7393634- [Screening for disease susceptibility by genotyping the CCR5 and CCR2 genes](#)
- 7396682- [Method for cell adhesion and wound healing](#)
- 7396851- [Heterocyclic and benzoheterocyclic polyamides structurally related to the natural antibiotic distamycin A for the treatment of .beta.-thalassaemia](#)
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- 7399613- [Sialic acid nucleotide sugars](#)
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- 7365171- [Chemokine-like factors \(CKLFs\) with chemotactic and hematopoietic stimulating activities](#)
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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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