

Ras Proteins

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- [Ras proteins, nitrosylation and homocysteine metabolism.](#)
*Elevated levels of homocysteine and S-adenosylmethionine are causal risk...*3rd October, 2008
I. Beritashvili Institute of Physiology, Tbilisi; Iv. Javakhishvili- Georgian Med News. 2008 Sep;(162):30-3.
- [Angiotensin II-induced osteopontin expression in vascular smooth muscle cells involves Gq/11, Ras, ERK, Src and Ets-1.](#)
*Recent studies suggest that osteopontin (OPN) plays a critical role in the...*3rd October, 2008
Department of Medicine and Molecular Science, Hiroshima University- Hypertens Res. 2008 May;31(5):987-98.
- [Myocardial gene expression associated with genetic cardiac hypertrophy in the absence of hypertension.](#)
*The hypertrophic heart rat (HHR) was derived from the spontaneously...*3rd October, 2008
Department of Physiology, University of Melbourne, Melbourne, Australia.- Hypertens Res. 2008 May;31(5):941-55.
- [Mutation of genes affecting the RAS pathway is common in childhood acute lymphoblastic leukemia.](#)
*Deregulation of the RAS-RAF-mitogen-activated protein kinase/extracellular...*3rd October, 2008
Northern Institute for Cancer Research, Newcastle upon Tyne, Tyne and- Cancer Res. 2008 Aug 15;68(16):6803-9. ([DOI Direct Link](#))
- [K-ras nanoclustering is subverted by overexpression of the scaffold protein galectin-3.](#)
*The spatial organization of K-Ras proteins into nanoclusters on the plasma...*3rd October, 2008
Department of Neurobiology, The George S. Wise Faculty of Life Sciences,- Cancer Res. 2008 Aug 15;68(16):6608-16. ([DOI Direct Link](#))
- [2-bromopalmitate and 2-\(2-Hydroxy-5-nitro-benzylidene\)-benzo\[b\]thiophen-3-one inhibit DHHC-mediated palmitoylation in vitro.](#)
*Pharmacologic approaches to studying palmitoylation are limited by the...*2nd October, 2008
- J Lipid Res. 2008 Sep 30. ([DOI Direct Link](#))
- [dnRas stimulates autocrine-paracrine growth of regenerating muscle via calcineurin-NFAT-IL-4 pathway.](#)
*Ras and calcineurin are members of two independent pathways in muscle...*19th September, 2008
Institute of Biochemistry, Faculty of Medicine, University of Szeged,- Biochem Biophys Res Commun. 2008 Oct 17;375(2):265-70. Epub 2008 Aug 14. ([DOI Direct Link](#))
- [Ras-driven proliferation and apoptosis signaling during rat liver carcinogenesis is under genetic control.](#)
*Fast growth and deregulation of G1 and S phases characterize preneoplastic...*17th September, 2008

Department of Biomedical Sciences, Division of Experimental Pathology and- Int J Cancer. 2008 Nov 1;123(9):2057-64. ([DOI Direct Link](#))

- [Synergistic control of T cell development and tumor suppression by diacylglycerol kinase alpha and zeta.](#)
*Diacylglycerol (DAG) kinases (DGKs) are a family of enzymes that convert...*17th September, 2008
Department of Pediatrics, Duke University Medical Center, Durham, NC- Proc Natl Acad Sci U S A. 2008 Aug 19;105(33):11909-14. Epub 2008 Aug 8. ([DOI Direct Link](#))
- [Preferential amplification of apoptotic DNA from plasma: potential for enhancing detection of minor DNA alterations in circulating DNA.](#)
*A genetic screen for Dictyostelium mutant displaying high level of...*16th September, 2008
- Clin Chem. 2008 Sep;54(9):1582-4. ([DOI Direct Link](#))
- [Membrane binding of lipidated Ras peptides and proteins - The structural point of view.](#)
*Biological membranes are interesting interfaces, at which important...*6th September, 2008
Max Planck Institute of Molecular Physiology, Otto-Hahn-Str. 11, D-44227- Biochim Biophys Acta. 2008 Aug 15. ([DOI Direct Link](#))
- [The GPI-anchored superoxide dismutase SodC is essential for regulating basal Ras activity and for chemotaxis of Dictyostelium discoideum.](#)
*A genetic screen for Dictyostelium mutant displaying high level of...*5th September, 2008
Department of Biological Sciences, Florida International University,- J Cell Sci. 2008 Sep 15;121(Pt 18):3099-108. ([DOI Direct Link](#))
- [KRAS mutation profile in colorectal carcinoma and novel mutation--internal tandem duplication in KRAS.](#)
*Oncogenic KRAS mutations are associated with resistance to anti-EGFR...*30th August, 2008
Chair and Department of Pathomorphology, Collegium Medicum, Jagiellonian- Pol J Pathol. 2008;59(2):93-6.
- [Differential interference of chlorpromazine with the membrane interactions of oncogenic k-ras and its effects on cell growth.](#)
*Membrane anchorage of Ras proteins is important for their signaling and...*12th August, 2008
Departments of Neurobiology and Cell Research and Immunology, George S.- J Biol Chem. 2008 Oct 3;283(40):27279-88. Epub 2008 Aug 7. ([DOI Direct Link](#))
- [High glucose induced endothelial cell growth inhibition is associated with an increase in TGFbeta\(1\) secretion and inhibition of Ras prenylation via suppression of the mevalonate pathway.](#)
*OBJECTIVE: Ras proteins are known to affect cellular growth and function....*12th August, 2008
Renal Research Laboratory, Kolling Institute, Royal North Shore Hospital,- Int J Biochem Cell Biol. 2008 Jul 25. ([DOI Direct Link](#))

BioNews Results for Ras Proteins

- [Two distinct interacting classes of](#)
Checkbiotech: Aug 28 2008 10:40AM Matching: ras proteins

Ras Proteins Patents:



- [7223787- Prenylation inhibitors reduce host cell permissiveness to viral replication](#)
- [7304032- CD-10 activated prodrug compounds](#)
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- 7429667- [Phenylamino isothiazole carboxamidines as MEK inhibitors](#)

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