

G-Protein-Coupled Receptor Kinase 3

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- [Endogenous Gs-coupled receptors in smooth muscle exhibit differential susceptibility to GRK2/3-mediated desensitization.](#)
*Although G protein-coupled receptor (GPCR) kinases (GRKs) have been shown...*10th October, 2008
Department of Internal Medicine and Center for Human Genomics, Wake Forest- Biochemistry. 2008 Sep 2;47(35):9279-88. Epub 2008 Aug 9. ([DOI Direct Link](#))
- [\[The Arg16Glybeta2-adrenergic receptor polymorphism influences long term clinical responses to beta2-agonist\]](#)
*BACKGROUND: The coding region variant Arg16Gly at the beta2-adrenoceptor...*18th September, 2008
Department of Respiratory Medicine, Hokkaido University School of Graduate- Arerugi. 2008 Jun;57(6):713-21.
- [Selective regulation of H1 histamine receptor signaling by G protein-coupled receptor kinase 2 in uterine smooth muscle cells.](#)
*Histamine stimulates uterine contraction; however, little is known...*11th September, 2008
Reproductive Sciences Section, Department of Cancer Studies and Molecular- Mol Endocrinol. 2008 Aug;22(8):1893-907. Epub 2008 May 29. ([DOI Direct Link](#))
- [Clinically responsible genetic testing in neuropsychiatric patients: a bridge too far and too soon.](#)
*Although G protein-coupled receptor (GPCR) kinases (GRKs) have been shown...*5th September, 2008
University of California, San Diego, School of Medicine, Department of- Am J Psychiatry. 2008 Aug;165(8):952-5. ([DOI Direct Link](#))
- [Repeated swim stress induces kappa opioid-mediated activation of extracellular signal-regulated kinase 1/2.](#)
*Earlier studies identified the dynorphin-kappa opioid receptor (KOR)...*4th September, 2008
Department of Pharmacology, University of Washington, Seattle, Washington,- Neuroreport. 2008 Sep 17;19(14):1417-22. ([DOI Direct Link](#))
- [Promoter variant in the GRK3 gene associated with bipolar disorder alters gene expression.](#)
*BACKGROUND: We have previously reported a single nucleotide polymorphism...*16th August, 2008
Department of Psychiatry, University of California, San Diego, CA 92093,- Biol Psychiatry. 2008 Jul 15;64(2):104-10. Epub 2008 Mar 21. ([DOI Direct Link](#))
- [Cardiac-restricted expression of the carboxyl-terminal fragment of GRK3 Uncovers Distinct Functions of GRK3 in regulation of cardiac contractility and growth: GRK3 controls cardiac alpha1-adrenergic receptor responsiveness.](#)
*G protein-coupled receptor kinase-2 and -3 (GRK2 and GRK3) in cardiac...*11th June, 2008

Institute for Surgical Research, University of Oslo and- J Biol Chem. 2008 Apr 18;283(16):10601-10. Epub 2007 Dec 29. ([DOI Direct Link](#))

- [Proteasome inhibition 1 h following ischemia protects GRK2 and prevents malignant ventricular tachyarrhythmias and SCD in a model of myocardial infarction.](#)
Arrhythmia-prone epicardial border zone (EBZ) tissues demonstrate... 16th May, 2008
Endocrinology Division, University of Oklahoma Health Sciences Center and- Am J Physiol Heart Circ Physiol. 2008 Mar;294(3):H1298-303. Epub 2008 Jan ([DOI Direct Link](#))
- [Leukocyte analysis from WHIM syndrome patients reveals a pivotal role for GRK3 in CXCR4 signaling.](#)
Leukocytes from individuals with warts, hypogammaglobulinemia, infections,... 23rd April, 2008
INSERM U819, Paris, France.- J Clin Invest. 2008 Mar;118(3):1074-84. ([DOI Direct Link](#))
- [Haloperidol and clozapine differentially affect the expression of arrestins, receptor kinases, and extracellular signal-regulated kinase activation.](#)
Dopamine and other G protein-coupled receptors (GPCRs) represent the major... 23rd April, 2008
Department of Pharmacology, Vanderbilt University Medical Center, Preston- J Pharmacol Exp Ther. 2008 Apr;325(1):276-83. Epub 2008 Jan 4. ([DOI Direct Link](#))
- [Effects of chronic desipramine treatment on alpha2-adrenoceptors and mu-opioid receptors in the guinea pig cortex and hippocampus.](#)
The existence of a close relation between presynaptic inhibitory... 16th April, 2008
Clinical and Applied Pharmacology Centre, University of Insubria and- Eur J Pharmacol. 2008 Jan 28;579(1-3):116-25. Epub 2007 Oct 11. ([DOI Direct Link](#))
- [The presence of beta2-adrenoceptors sensitizes alpha2A-adrenoceptors to desensitization after chronic epinephrine treatment.](#)
BACKGROUND: In addition to the regulation of blood pressure, alpha2- and... 15th March, 2008
Research Center for Cardiovascular Diseases, Brown Foundation Institute of- BMC Pharmacol. 2007 Dec 20;7:16. ([DOI Direct Link](#))
- [Roles of c-Src in alpha1B-adrenoceptor phosphorylation and desensitization.](#)
1 The role of the protein tyrosine kinase, c-Src, on the function and... 22nd February, 2008
Departamento de Biologia Celular, Instituto de Fisiologia Celular,- Auton Autacoid Pharmacol. 2008 Jan;28(1):29-39. ([DOI Direct Link](#))
- [Science and commerce. Gene tests for psychiatric risk polarize researchers.](#)
1 The role of the protein tyrosine kinase, c-Src, on the function and... 1st February, 2008
- Science. 2008 Jan 18;319(5861):274-7. ([DOI Direct Link](#))
- [Further evidence for association of GRK3 to bipolar disorder suggests a second disease mutation.](#)
OBJECTIVES: Two genome-wide linkage surveys suggest chromosome 22q12 may... 1st February, 2008
Department of Psychiatry, University of California at San Diego, San Diego- Psychiatr Genet. 2007 Dec;17(6):315-22. ([DOI Direct Link](#))

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