

G-Protein-Coupled Receptor Kinase 5

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Recent Publications on G-Protein-Coupled Receptor Kinase 5:



- [G protein-coupled receptor kinase 5, overexpressed in the alpha-synuclein up-regulation model of Parkinson's disease, regulates bcl-2 expression.](#)
*G protein-coupled receptor kinase 5 (GRK5) has been reported to accumulate...*27th October, 2009
Institute of Laboratory Animal Science, Chinese Academy of Medical- Brain Res. 2009 Oct 21. ([DOI Direct Link](#))
- [Beta-arrestin1 phosphorylation by GRK5 regulates G protein-independent 5-HT4 receptor signalling.](#)
*G protein-coupled receptors (GPCRs) have been found to trigger G...*8th October, 2009
Institut de Genomique Fonctionnelle, Universites de Montpellier, CNRS,- EMBO J. 2009 Sep 16;28(18):2706-18. Epub 2009 Aug 6. ([DOI Direct Link](#))
- [The mechanism of chemokine receptor 9 internalization triggered by interleukin 2 and interleukin 4.](#)
*In previous study, we found that the chemokine receptor 9 (CCR9) was...*29th September, 2009
Department of Immunology, College of Basic Medical Sciences, Wuhan- Cell Mol Immunol. 2009 Jun;6(3):181-9.
- [GRK5 deficiency leads to reduced hippocampal acetylcholine level via impaired presynaptic M2/M4 autoreceptor desensitization.](#)
*G protein-coupled receptor kinase 5 (GRK5) deficiency has been linked...*26th September, 2009
Laboratory for Alzheimer's Disease and Aging Research, Kansas City- J Biol Chem. 2009 Jul 17;284(29):19564-71. Epub 2009 May 28. ([DOI Direct Link](#))
- [Clinical and genetic modifiers of long-term survival in heart failure.](#)
*OBJECTIVES: This study sought to identify genetic modifiers of...*17th September, 2009
Center for Pharmacogenomics, Department of Medicine, Washington University- J Am Coll Cardiol. 2009 Jul 28;54(5):432-44. ([DOI Direct Link](#))
- [G protein-coupled receptor kinase 2 expression and activity are associated with blood pressure in black Americans.](#)
*Hypertension occurs with higher prevalence and morbidity in black...*17th September, 2009
Center for Translational Medicine, Thomas Jefferson Hospital,- Hypertension. 2009 Jul;54(1):71-6. Epub 2009 Jun 1. ([DOI Direct Link](#))
- [Hypertension: Are we beta-ARKing up the right tree?](#)
*Hypertension occurs with higher prevalence and morbidity in black...*17th September, 2009
- Hypertension. 2009 Jul;54(1):27-8. Epub 2009 Jun 1. ([DOI Direct Link](#))
- [Mechanisms of pharmacogenomic effects of genetic variation within the cardiac adrenergic network in heart failure.](#)
*One of the goals of pharmacogenomics is the use of genetic variants to...*10th September, 2009

- Center for Pharmacogenomics, Department of Internal Medicine, Washington- Mol Pharmacol. 2009 Sep;76(3):466-80. Epub 2009 Jun 2. ([DOI Direct Link](#))
- [Correlation between beta-adrenoceptors and G-protein-coupled receptor kinases in pretransplantation heart failure.](#)
*INTRODUCTION: Prolonged catecholamine overstimulation of the myocardium in...*24th June, 2009
Heart Failure and Transplant Unit, Department of Cardiology, La Fe- Transplant Proc. 2008 Nov;40(9):3014-6. ([DOI Direct Link](#))
 - [Reciprocal regulation of the platelet-derived growth factor receptor-beta and G protein-coupled receptor kinase 5 by cross-phosphorylation: effects on catalysis.](#)
*Signaling by the platelet-derived growth factor receptor-beta (PDGFRbeta)...*17th March, 2009
Departments of Medicine/Cardiology, Duke University Medical Center,- Mol Pharmacol. 2009 Mar;75(3):626-36. Epub 2008 Dec 17. ([DOI Direct Link](#))
 - [Augmented axonal defects and synaptic degenerative changes in female GRK5 deficient mice.](#)
*Recent studies suggested that G protein-coupled receptor kinase 5 (GRK5)...*7th March, 2009
Lab. for Alzheimer's Disease & Aging Res., VA Med. Center, Kansas City, MO- Brain Res Bull. 2009 Mar 16;78(4-5):145-51. Epub 2008 Oct 26. ([DOI Direct Link](#))
 - [The G-protein-coupled receptor kinase 5 inhibits NFkappaB transcriptional activity by inducing nuclear accumulation of IkappaB alpha.](#)
*G-protein-coupled receptor (GPCR) kinases, GRKs, are known as...*18th December, 2008
Dipartimento di Medicina Clinica, Scienze Cardiovascolari, ed- Proc Natl Acad Sci U S A. 2008 Nov 18;105(46):17818-23. Epub 2008 Nov 13. ([DOI Direct Link](#))
 - [A polymorphism of G-protein coupled receptor kinase5 alters agonist-promoted desensitization of beta2-adrenergic receptors.](#)
*Beta-agonist treatment of asthma displays substantial interindividual...*13th November, 2008
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 - [Uncovering G protein-coupled receptor kinase-5 as a histone deacetylase kinase in the nucleus of cardiomyocytes.](#)
*G protein-coupled receptor (GPCR) kinases (GRKs) are critical regulators...*25th October, 2008
George Zallie and Family Laboratory for Cardiovascular Gene Therapy,- Proc Natl Acad Sci U S A. 2008 Aug 26;105(34):12457-62. Epub 2008 Aug 18. ([DOI Direct Link](#))
 - [GRK5 deficiency exaggerates inflammatory changes in TgAPPsw mice.](#)
*BACKGROUND: Deficiency of membrane G-protein coupled receptor (GPCR)...*22nd August, 2008
Lab, for Alzheimer's Disease & Aging Res., VA Med, Center, Kansas City, MO- J Neuroinflammation. 2008 Jun 3;5:24. ([DOI Direct Link](#))

G-Protein-Coupled Receptor Kinase 5 Patents:



- 7365178- [Acyl-nucleotide probes and methods of their synthesis and use in proteomic analysis](#)
- 7198776- [Metal complex compounds](#)

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