

## P38 Mitogen-Activated Protein Kinases

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### Recent Publications on P38 Mitogen-Activated Protein Kinases:



- [Down-regulation of Sprouty2 via p38 MAPK plays a key role in the induction of cellular apoptosis by tumor necrosis factor-alpha.](#)  
*Mammalian Sprouty2 (Spry2) is a key regulator of the receptor tyrosine...*30th September, 2008  
Developmental Biology Program, Saban Research Institute Childrens Hospital- Biochem Biophys Res Commun. 2008 Oct 24;375(3):460-4. Epub 2008 Aug 17. ([DOI Direct Link](#))
- [Antioxidant effects of equol on bovine aortic endothelial cells.](#)  
*This study is to examine the effects of equol on the H(2)O(2)-induced...*30th September, 2008  
Department of Obstetrics and Gynecology, College of Medicine, Wonkwang- Biochem Biophys Res Commun. 2008 Oct 24;375(3):420-4. Epub 2008 Aug 15. ([DOI Direct Link](#))
- [Lipopolysaccharide \(LPS\) of Porphyromonas gingivalis induces IL-1beta, TNF-alpha and IL-6 production by THP-1 cells in a way different from that of Escherichia coli LPS.](#)  
*Lipopolysaccharide (LPS) derived from the periodontal pathogen...*27th September, 2008  
Department of Stomatology, The Second Afiliated Hospital, School of- Innate Immun. 2008 Apr;14(2):99-107. ([DOI Direct Link](#))
- [The role of the RB tumour suppressor pathway in oxidative stress responses in the haematopoietic system.](#)  
*Exposure to pro-oxidants and defects in the repair of oxidative base...*19th September, 2008  
Ben May Department for Cancer Research, Committee on Cancer Biology,- Nat Rev Cancer. 2008 Oct;8(10):769-81. Epub 2008 Sep 18. ([DOI Direct Link](#))
- [Molecular basis for the induction of an angiogenesis inhibitor, thrombospondin-1, by 5-fluorouracil.](#)  
*5-Fluorouracil (5-FU) is one of the most commonly used anticancer drugs in...*19th September, 2008  
Department of Molecular Oncology, Graduate School of Medical and Dental- Cancer Res. 2008 Sep 1;68(17):7035-41. ([DOI Direct Link](#))
- [Induction of apoptosis in human cancer cells by candidaspongiolide, a novel sponge polyketide.](#)  
*BACKGROUND: Candidaspongiolide (CAN), a novel polyketide from a marine...*19th September, 2008  
Tumor Hypoxia Laboratory, SAIC-Frederick, Inc., National Cancer Institute,- J Natl Cancer Inst. 2008 Sep 3;100(17):1233-46. Epub 2008 Aug 26. ([DOI Direct Link](#))
- [Resveratrol, at concentrations attainable with moderate wine consumption, stimulates human platelet nitric oxide production.](#)  
*The mechanisms through which moderate wine consumption reduces ischemic...*17th September, 2008  
Department of Internal Medicine, Division of Internal and Cardiovascular- J Nutr. 2008 Sep;138(9):1602-8.
- [Apoptosis in cardiac myocytes during the early stage after severe burn.](#)

*BACKGROUND: Cardiac dysfunction after severe burn is associated with...* 17th September, 2008  
State Key Laboratory of Trauma, Burns and Combined Injury, Institute of- J Trauma. 2008  
Aug;65(2):401-8; discussion 408. ([DOI Direct Link](#))

- [\[Redox-dependent regulation of apoptosis as a function of intracellular reactive oxygen species in oxidative stress\]](#)  
*Programmed cell death of mononuclear cells in conditions of oxidative...* 16th September, 2008  
- Ross Fiziol Zh Im I M Sechenova. 2008 Jun;94(6):710-8.
- [New role of bone morphogenetic protein 7 in brown adipogenesis and energy expenditure.](#)  
*Adipose tissue is central to the regulation of energy balance. Two...* 6th September, 2008  
Section on Obesity and Hormone Action, Joslin Diabetes Center, Harvard- Nature. 2008 Aug  
21;454(7207):1000-4. ([DOI Direct Link](#))
- [Ectodermal Smad4 and p38 MAPK are functionally redundant in mediating TGF-beta/BMP signaling during tooth and palate development.](#)  
*Smad4 is a central intracellular effector of TGF-beta signaling...* 6th September, 2008  
Center for Craniofacial Molecular Biology, University of Southern- Dev Cell. 2008 Aug;15(2):322-9. ([DOI Direct Link](#))
- [Inhibitive effects of low oxygen and glucose deprivation on brain-pancreas relative protein expression via hypoxia- inducible factor-1 pathways.](#)  
*BACKGROUND: Brain-Pancreas Relative Protein (BPRP), a novel protein...* 5th September, 2008  
Department of Pharmacology, School of Basic Medical Sciences and State Key- Cell Physiol Biochem.  
2008;22(1-4):353-62. Epub 2008 Jul 25. ([DOI Direct Link](#))
- [LDLs stimulate p38 mitogen-activated kinases and wound healing through the class B type 1 scavenger receptor independently of Ras and PI3 kinase.](#)  
*Intracellular signals elicited by low-density lipoproteins (LDLs) are...* 2nd September, 2008  
- J Lipid Res. 2008 Aug 28. ([DOI Direct Link](#))
- [Apoptosis induction by p38 MAPK inhibitor in human colon cancer cells.](#)  
*BACKGROUND/AIMS: The p38 mitogen-activated protein kinases (p38 MAPKs)...* 19th August, 2008  
Department of Surgical Oncology, Faculty of Medicine, the University of- Hepatogastroenterology. 2008  
May-Jun;55(84):930-5.
- [Targeting of p38 mitogen-activated protein kinases to early growth response gene 1 \(EGR-1\) in the human paclitaxel-resistance ovarian carcinoma cells.](#)  
*To investigate the relationship between the expression of early growth...* 16th August, 2008  
Department of Obstetrics and Gynecology, the First Affiliated Hospital of- J Huazhong Univ Sci  
Technolog Med Sci. 2008 Aug;28(4):451-5. Epub 2008 Aug ([DOI Direct Link](#))

## P38 Mitogen-Activated Protein Kinases Clinical Trials:



- [p38 Mitogen Activated Protein Kinase \(MAPK\) and Steroid Insensitivity in Asthma](#)  
*Asthma Intervention: Other: Fiberoptic bronchoscopy; blood test*



## P38 Mitogen-Activated Protein Kinases Patents:

- 7361633- [Screening method and anti-tumor drug candidate obtained therefrom](#)
- 7259000- [Polynucleotides encoding chimeric chemokine receptors](#)
- 7195902- [Phosphatases which activate map kinase pathways](#)
- 6972298- [Method of treating or inhibiting neutrophil chemotaxis by administering a MEK inhibitor](#)
- 6924415- [Transgenic mice comprising a constitutively-activated MEK5 and exhibiting cardiac hypertrophy and dilated cardiomyopathy](#)
- 6900043- [Phosphatases which activate map kinase pathways](#)
- 6410693- [Inhibitors of the JNK signal transduction pathway and methods of use](#)
- 6043083- [Inhibitors of the JNK signal transduction pathway and methods of use](#)

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