

# Farnesyl-Diphosphate Farnesyltransferase

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## Recent Publications on Farnesyl-Diphosphate Farnesyltransferase:



- [Inhibitors of sterol biosynthesis as Staphylococcus aureus antibiotics.](#)  
*Cholesterol metabolism is deregulated in carcinogenesis, and cancer cells...*30th August, 2008  
Department of Biological Chemistry and Molecular Pharmacology, Harvard- *Angew Chem Int Ed Engl.* 2008;47(31):5700-2. ([DOI Direct Link](#))
- [K45R variant of squalene synthase increases total cholesterol levels in two study samples from a French Canadian population.](#)  
*Squalene synthase is an important component of the cholesterol...*22nd August, 2008  
Department of Human Genetics, McGill University, Montreal, Quebec, Canada.- *Hum Mutat.* 2008 May;29(5):689-94. ([DOI Direct Link](#))
- [Mitochondrial cholesterol contributes to chemotherapy resistance in hepatocellular carcinoma.](#)  
*Cholesterol metabolism is deregulated in carcinogenesis, and cancer cells...*6th August, 2008  
Liver Unit and Centro de Investigaciones Biomedicas Esther Koplowitz,- *Cancer Res.* 2008 Jul 1;68(13):5246-56. ([DOI Direct Link](#))
- [Genetics and molecular biology: a cholesterol-lowering drug with antibacterial properties.](#)  
*BACKGROUND: Lapaquistat was the only squalene synthase inhibitor in Phase...*6th August, 2008  
- *Curr Opin Lipidol.* 2008 Jun;19(3):324-5. ([DOI Direct Link](#))
- [Emerging lipid-lowering drugs: squalene synthase inhibitors.](#)  
*BACKGROUND: Lapaquistat was the only squalene synthase inhibitor in Phase...*5th August, 2008  
University of Louisiana at Monroe, Department of Clinical and- *Expert Opin Emerg Drugs.* 2008 Jun;13(2):309-22. ([DOI Direct Link](#))
- [Growth factor-induced phosphorylation of sterol regulatory element-binding proteins inhibits sumoylation, thereby stimulating the expression of their target genes, low density lipoprotein uptake, and lipid synthesis.](#)  
*The destiny and activity of sterol regulatory element-binding proteins...*18th July, 2008  
Department of Applied Biological Chemistry, Graduate School of- *J Biol Chem.* 2008 May 30;283(22):15224-31. Epub 2008 Apr 9. ([DOI Direct Link](#))
- [Selective binding of sterol regulatory element-binding protein isoforms and co-regulatory proteins to promoters for lipid metabolic genes in liver.](#)  
*Mice were subjected to different dietary manipulations to selectively...*17th July, 2008  
Department of Molecular Biology and Biochemistry, School of Biological- *J Biol Chem.* 2008 Jun 6;283(23):15628-37. Epub 2008 Apr 15. ([DOI Direct Link](#))
- [Removing the golden coat of Staphylococcus aureus.](#)  
*Farmer's lung incidence in Ireland was constant until 1996, even though...*9th July, 2008

Department of Pediatrics, Section of Infectious Diseases, University of- N Engl J Med. 2008 Jul 3;359(1):85-7. ([DOI Direct Link](#))

- [Cloning, solubilization, and characterization of squalene synthase from \*Thermosynechococcus elongatus\* BP-1.](#)  
*Squalene synthase (SQS) is a bifunctional enzyme that catalyzes the...* 4th July, 2008  
Department of Chemistry, University of Utah, 315 South 1400 East, Salt- J Bacteriol. 2008 Jun;190(11):3808-16. Epub 2008 Mar 28. ([DOI Direct Link](#))
- [Redirection of flux through the FPP branch-point in \*Saccharomyces cerevisiae\* by down-regulating squalene synthase.](#)  
*Saccharomyces cerevisiae utilizes several regulatory mechanisms to...* 28th June, 2008  
Department of Chemical Engineering, University of California, Berkeley,- Biotechnol Bioeng. 2008 Jun 1;100(2):371-8. ([DOI Direct Link](#))
- [The effect of 24S-hydroxycholesterol on cholesterol homeostasis in neurons: quantitative changes to the cortical neuron proteome.](#)  
*In humans, the brain represents only about 2% of the body's mass but...* 24th June, 2008  
Institute of Mass Spectrometry, School of Medicine, Swansea University,- J Proteome Res. 2008 Apr;7(4):1606-14. Epub 2008 Feb 28. ([DOI Direct Link](#))
- [Human cholesterol metabolism and therapeutic molecules.](#)  
*There has been a fascinating interplay between the discovery of some of...* 29th March, 2008  
Cardiovascular Research Group, School of Clinical & Laboratory Sciences,- Exp Physiol. 2008 Jan;93(1):27-42. ([DOI Direct Link](#))
- [Isolation and structural determination of squalene synthase inhibitor from \*Prunus mume\* fruit.](#)  
*Squalene synthase plays an important role in the cholesterol biosynthetic...* 26th March, 2008  
Department of Food and Culinary Art, Osan College, Osan 447-749, Korea.- J Microbiol Biotechnol. 2007 Dec;17(12):1970-5.
- [A cholesterol biosynthesis inhibitor blocks \*Staphylococcus aureus\* virulence.](#)  
*Staphylococcus aureus produces hospital- and community-acquired...* 22nd March, 2008  
Institute of Biological Chemistry, Academia Sinica, Nankang, Taipei 11529,- Science. 2008 Mar 7;319(5868):1391-4. Epub 2008 Feb 14. ([DOI Direct Link](#))
- [Inhibition of squalene synthase upregulates PCSK9 expression in rat liver.](#)  
*Proprotein convertase subtilisin/kexin type 9 (PCSK9) plays a critical...* 22nd February, 2008  
Department of Molecular Medicine, School of Basic Biomedical Sciences,- Arch Biochem Biophys. 2008 Feb 15;470(2):116-9. Epub 2007 Nov 22. ([DOI Direct Link](#))

## Farnesyl-Diphosphate Farnesyltransferase Clinical Trials:



- [PH I Addition of Farnesyl Transferase Inhibitor to Temo for Pts w Gr 3 & 4 Malignant Gliomas](#)  
*Gliosarcoma; Glioblastoma; Anaplastic Astrocytoma*



## Farnesyl-Diphosphate Farnesyltransferase Patents:

- 7329422- [Pharmaceutical compositions](#)
- 7276593- [Proteins and nucleic acids encoding same](#)
- 7235358- [Methods and compositions for diagnosing and monitoring transplant rejection](#)
- 7026121- [Methods and compositions for diagnosing and monitoring transplant rejection](#)
- 6905827- [Methods and compositions for diagnosing or monitoring auto immune and chronic inflammatory diseases](#)

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