

# Acetyl-Coa Carboxylase

[View the current Acetyl-Coa Carboxylase InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Acetyl-Coa_Carboxylase.html)

([http://www.bioportfolio.com/indepth/Acetyl-Coa\\_Carboxylase.html](http://www.bioportfolio.com/indepth/Acetyl-Coa_Carboxylase.html))

## Recent Publications on Acetyl-Coa Carboxylase:



- [Down-regulation in muscle and liver lipogenic genes: EPA ethyl ester treatment in lean and overweight \(high-fat-fed\) rats.](#)  
*The precise mechanisms by which omega-3 fatty acids improve fat metabolism...*3rd October, 2008  
Department of Nutrition and Food Sciences, Physiology and Toxicology,- J Nutr Biochem. 2008 Sep 29. ([DOI Direct Link](#))
- [Maternal nutrient restriction between early-to-mid gestation and its impact upon appetite regulation following juvenile obesity.](#)  
*The impact of maternal nutrient restriction during early-to-mid gestation,...*27th September, 2008  
Centre for Reproduction and Early Life, Institute for Clinical Research,- Endocrinology. 2008 Sep 25. ([DOI Direct Link](#))
- [The Effect of Fasting on Hepatic Lipid Accumulation and Transcriptional Regulation of Lipid Metabolism Differs between C57BL/6J and BALB/cA Mice Fed a High Fat Diet.](#)  
*The effects of fasting on hepatic lipid metabolism in mice fed a high-fat...*25th September, 2008  
- Toxicol Pathol. 2008 Sep 23. ([DOI Direct Link](#))
- [Biotin protein ligase from Candida albicans: Expression, purification and development of a novel assay.](#)  
*Biotin protein ligase (BPL) is an essential enzyme responsible for the...*24th September, 2008  
School of Molecular and Biomedical Science, University of Adelaide,- Arch Biochem Biophys. 2008 Sep 11. ([DOI Direct Link](#))
- [Fat-adaptation followed by carbohydrate restoration increases AMPK activity in skeletal muscle from trained humans.](#)  
*We have previously reported that 5 d of a high-fat diet followed by 1 d...*20th September, 2008  
RMIT University.- J Appl Physiol. 2008 Sep 18. ([DOI Direct Link](#))
- [Effects of dihydrotestosterone on differentiation and proliferation of human mesenchymal stem cells and preadipocytes.](#)  
*The mechanisms by which androgens regulate fat mass are poorly understood....*20th September, 2008  
Department of Medicine, Boston University, School of Medicine, Boston- Mol Cell Endocrinol. 2008 Aug 28. ([DOI Direct Link](#))
- [Inhibition of fatty acid synthase induces caspase 8-mediated tumor cell apoptosis by Up-regulating DDIT4.](#)  
*Fatty acid synthase (FAS) is up-regulated in a broad range of cancers,...*18th September, 2008  
Burnham Institute for Medical Research, La Jolla, CA 92037.- J Biol Chem. 2008 Sep 16. ([DOI Direct Link](#))

- [Regulation of food intake and energy expenditure by hypothalamic malonyl-CoA.](#)  
*Energy balance is monitored by the hypothalamus. Malonyl-CoA, an...*18th September, 2008  
Department of Biological Chemistry, Johns Hopkins University Medical- Int J Obes (Lond). 2008 Sep;32 Suppl 4:S49-54. ([DOI Direct Link](#))
- [Altered expression of transcription factors and genes regulating lipogenesis in liver and adipose tissue of mice with high fat diet-induced obesity and nonalcoholic fatty liver disease.](#)  
*OBJECTIVE: To determine whether expression of transcription factors and...*17th September, 2008  
Medical Services, VA Long Beach Healthcare System, Long Beach, California- Eur J Gastroenterol Hepatol. 2008 Sep;20(9):843-54. ([DOI Direct Link](#))
- [Control of cell growth and survival by enzymes of the fatty acid synthesis pathway in HCT-116 colon cancer cells.](#)  
*PURPOSE: For many tumor cells, de novo lipogenesis is a requirement for...*17th September, 2008  
Department of Cancer Biology and Therapeutics, Merck Research- Clin Cancer Res. 2008 Sep 15;14(18):5735-42. ([DOI Direct Link](#))
- [Feeding CLA partially recovers carcass quality in pigs fed dried corn distillers grains with solubles.](#)  
*Dried corn distillers grains with solubles (DDGS) fed to swine may...*16th September, 2008  
Department of Animal Sciences, Purdue University, West Lafayette, IN- J Anim Sci. 2008 Sep 12. ([DOI Direct Link](#))
- [Metabolic switch and hypertrophy of cardiomyocytes following treatment with angiotensin II are prevented by AMP-activated protein kinase.](#)  
*Angiotensin II induces cardiomyocyte hypertrophy, but its consequences on...*16th September, 2008  
Dept. of Cardiology, University Hospital of the Saarland, 66424- J Biol Chem. 2008 Sep 19. ([DOI Direct Link](#))
- [Toxicity of spiromesifen to the developmental stages of Bemisia tabaci biotype B.](#)  
*BACKGROUND: Spiromesifen is a novel insecticidal/acaricidal compound...*12th September, 2008  
Department of Entomology, Agricultural Research Organization, Bet Dagan- Pest Manag Sci. 2008 Sep 10. ([DOI Direct Link](#))
- [beta-cell failure as a complication of diabetes.](#)  
*Type 2 diabetes mellitus is a complex disease characterized by beta-cell...*9th September, 2008  
Division of Endocrinology, Metabolism and Lipid Research, Washington- Rev Endocr Metab Disord. 2008 Sep 6. ([DOI Direct Link](#))
- [Prostaglandin E2 negatively regulates AMP-activated protein kinase via protein kinase A signaling pathway.](#)  
*We investigated possible involvement of prostaglandin (PG) E2 in...*1st November, 2007  
Department of Endocrinology, Research Institute of Environmental Medicine- Prostaglandins Other Lipid Mediat. 2008 Sep 11. ([DOI Direct Link](#))

## BioNews Results for Acetyl-Coa Carboxylase

- [Anti-Obesity Drugs Could Fight Viral Infections](#)  
*MedicineNet.com: Oct 1 2008 9:22PM Matching: acetyl coa*
- [Anti-Obesity Drugs Could Fight Viral Infections](#)  
*National Womens Health Information Center: Sep 30 2008 6:30PM Matching: acetyl coa*
- [Methods for determining renal toxins](#)  
*PharmCast: Sep 30 2008 3:49AM Matching: acetyl coa*
- [Antiobesity Drugs Shown to Inhibit Viral Infection](#)  
*Genetic Engineering News: Sep 29 2008 4:24PM Matching: acetyl coa*
- [Existing Anti-obesity Drugs May Be Effective Against Flu, Hepatitis And HIV](#)  
*Science Daily: Sep 29 2008 12:05AM Matching: acetyl coa*

- [The Muscarinic Hypothesis of Schizophrenia](#)  
*Consultant Live: Sep 9 2008 5:55AM Matching: acetyl coa*

### Acetyl-Coa Carboxylase Clinical Trials:



- [Dairy Products and Metabolic Effects \(Norwegian Part\)](#)  
*Metabolic Syndrome X; Heart Disease*

### Acetyl-Coa Carboxylase Patents:



- 7314882- [Bicyclic heterocycles as cannabinoid receptor modulators](#)
- 7361766- [Bicyclic heterocycles as cannabinoid receptor modulators](#)
- 7365079- [Azole derivatives](#)
- 7365170- [Adiponectin and uses thereof](#)
- 7365178- [Acyl-nucleotide probes and methods of their synthesis and use in proteomic analysis](#)
- 7368437- [Bicyclic heterocycles, processes for their preparation and their use as herbicides and pharmaceutical agents](#)
- 7368458- [Bicyclic heterocycles as cannabinoid receptor modulators](#)
- 7371828- [Extracellular signal-regulated kinase sequences and methods of production and use](#)
- 7371924- [Nucleic acid sequences encoding .beta.-ketoacyl-ACP synthase and uses thereof](#)
- 7375088- [Polyene polyketides, processes for their production and their use as a pharmaceutical](#)
- 7375209- [Expression cassettes for seed-preferential expression in plants](#)
- 7351880- [Genes and vectors for conferring herbicide resistance in plants](#)
- 7348034- [Plant based formulations for improving skin moisture, texture, and appearance](#)
- 7344829- [Methods for detecting the efficacy of anticancer treatments](#)
- 7317012- [Bicyclic heterocycles as cannabinoid-1 receptor modulators](#)
- 7317140- [Sugar and lipid metabolism regulators in plants II](#)
- 7320806- [Compositions and methods for treating NIDDM and other conditions and disorders associated with AMPK regulation](#)
- 7326706- [Pyrazine modulators of cannabinoid receptors](#)
- 7329673- [Acylated spiropiperidine derivatives as melanocortin-4 receptor agonists](#)
- 7332310- [Mutant of homoserine dehydrogenase from Corynebacterium and DNA encoding thereof](#)
- 7332591- [Bardet-Biedl susceptibility gene and uses thereof](#)
- 7332604- [1-\[\[1-\[\(2-Amino-6-methyl-4-pyridinyl\)methyl\]-4-fluoro-4-piperidinyl\]carbon-yl\]-4-\[2-\(2-pyridinyl\)-3H-imidazo\[4,5-b\]pyridin-3-yl\]piperidine](#)
- 7335476- [Codon-optimized genes for the production of polyunsaturated fatty acids in oleaginous yeasts](#)
- 7341869- [Compositions and methods for treating diabetes](#)
- 7378418- [Azabicyclic heterocycles as cannabinoid receptor modulators](#)

- 7378572- [Constitutive expression cassettes for regulation of plant expression](#)
- 7408066- [Carbon-linked substituted piperidines and derivatives thereof useful as histamine H.sub.3 antagonists](#)
- 7408095- [Methods for introducing heterologous cells into fish to determine if the heterologous cells contain cancer cells or a pathogen](#)
- 7410976- [Spirochromanone derivatives](#)
- 7411054- [25869, 25934, 26335, 50365, 21117, 38692, 46508, 16816, 16839, 49937, 49931 and 49933 molecules and uses therefor](#)
- 7413878- [Recombinant host cells expressing atoAD and capable of making a polyketide using a starter unit](#)
- 7414011- [Phenylsulfonyl ureas, process for their preparation and their use as herbicides and plant growth regulators](#)
- 7414057- [Piperazine urea derivatives as melanocortin-4 receptor agonists](#)
- 7416868- [Polyene polyketides, processes for their production and their use as a pharmaceutical](#)
- 7419990- [Piperidine derivatives as melanocortin-4 receptor agonists](#)
- 7423067- [Diphenyl cyclopentyl amides as cannabinoid-1 receptor inverse agonists](#)
- 7407792- [Compositions, organisms and methodologies employing a novel human kinase](#)
- 7407776- [Engineered zinc finger proteins for regulation of gene expression](#)
- 7405344- [Elevation of oil levels in Brassica plants](#)
- 7384757- [Scintillation proximity assay method of measuring acetyl CoA carboxylase enzyme activity](#)
- 7385063- [Method for preparing imidazole derivatives](#)
- 7390835- [Aralkyl amines as cannabinoid receptor modulators](#)
- 7393646- [Method, apparatus and system for quantifying the content of genetically modified material in a sample](#)
- 7393676- [3-Hydroxypropionic acid and other organic compounds](#)
- 7396659- [Inhibitors of nitric oxide synthase to treat type 1 diabetes](#)
- 7402683- [Cinnamic acid amides](#)
- 7402733- [Transgenic expression cassettes for expressing nucleic acids in non-reproductive floral tissues of plants](#)
- 7404969- [Lipid nanoparticle based compositions and methods for the delivery of biologically active molecules](#)
- 7405221- [Substituted pyrimidines](#)
- 7429593- [Utilities of amide compounds](#)

\*\*\*

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Wessex Barn, Dorchester Road, Frampton, Dorset, DT2 9NB, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2008 - BioPortfolio Limited.



