

Ubiquinone

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- [Biosynthesis of ubiquinone compounds with conjugated prenyl side chains.](#)
*Enzymatic steps from two different biosynthetic pathways were combined in...*30th September, 2008
Dept. Biochemistry, Molecular Biology and Biophysics, and Center for Drug- Appl Environ Microbiol.
2008 Sep 26. ([DOI Direct Link](#))
- [Proteomic analysis of brain protein expression levels in NF-kappabeta p50 \(-/-\) homozygous knockout mice.](#)
*The role of nuclear factor kappa B (NF-kappaB) in oxidative stress, and...*27th September, 2008
Department of Chemistry, Center of Membrane Sciences and Sanders-Brown- Brain Res. 2008 Sep 12. ([DOI Direct Link](#))
- [Comparison of a coq7 deletion mutant with other respiration-defective mutants in fission yeast.](#)
*Among the steps in ubiquinone biosynthesis, that catalyzed by the product...*24th September, 2008
Department of Applied Bioscience and Biotechnology, Faculty of Life and- FEBS J. 2008 Sep 19. ([DOI Direct Link](#))
- [Kinetic Analysis of Permeation of Mitochondria-Targeted Antioxidants Across Bilayer Lipid Membranes.](#)
*Mitochondria-targeted antioxidants consisting of a quinone part conjugated...*23rd September, 2008
A. N. Belozersky Institute of Physico-Chemical Biology, Moscow State- J Membr Biol. 2008 Sep 20. ([DOI Direct Link](#))
- [Ubiquinone biosynthesis in Saccharomyces cerevisiae: the molecular organization of O-methylase Coq3p depends on Abc1p/Coq8p.](#)
*Coenzyme Q is a redox-active lipid that functions as an electron carrier...*20th September, 2008
Institute of Genetics, Dresden University of Technology, Dresden, Germany.- FEMS Yeast Res. 2008 Sep 15. ([DOI Direct Link](#))
- [L-galactono-1,4-lactone dehydrogenase is required for the accumulation of plant respiratory complex I.](#)
*Mitochondrial NADH-ubiquinone oxidoreductase (complex I) is the largest...*19th September, 2008
Institut de Biotechnologie des Plantes, Universite de Paris-Sud, Orsay- J Biol Chem. 2008 Sep 17. ([DOI Direct Link](#))
- [Mitochondrial function in the yeast form of the pathogenic fungus Paracoccidioides brasiliensis.](#)
*Differences between the respiratory chain of the fungus Paracoccidioides...*18th September, 2008
Departamento de Analises Clinicas, Toxicologicas e Bromatologicas,- J Bioenerg Biomembr. 2008 Sep 17. ([DOI Direct Link](#))
- [High-sensitivity simultaneous analysis of ubiquinol-10 and ubiquinone-10 in human plasma.](#)
*A method to determine ubiquinol-10 and ubiquinone-10 in human serum was...*18th September, 2008
Shiseido Research Center, 2-2-1 Hayabuchi, Yokohama 224-8558, Japan.- J Chromatogr Sci. 2008

Sep;46(8):717-21.

- [Redox State of Coenzyme Q10 Determines Its Membrane Localization.](#)
*The interaction between oxidized (ubiquinone-10) and reduced...*18th September, 2008
- J Phys Chem B. 2008 Sep 17. ([DOI Direct Link](#))
- [The production of reactive oxygen species by complex I.](#)
*ROS (reactive oxygen species) are considered to be a major cause of...*17th September, 2008
Medical Research Council Dunn Human Nutrition Unit, Wellcome Trust/MRC- Biochem Soc Trans. 2008 Oct;36(Pt 5):976-80. ([DOI Direct Link](#))
- [Nucleotide-induced conformational changes in the Escherichia coli NADH:ubiquinone oxidoreductase \(complex I\).](#)
*The energy-converting NADH:ubiquinone oxidoreductase, also known as...*17th September, 2008
Institut für Organische Chemie und Biochemie, Albert-Ludwigs-Universität,- Biochem Soc Trans. 2008 Oct;36(Pt 5):971-5. ([DOI Direct Link](#))
- [RegB/RegA, a global redox-responding two-component system.](#)
*The RegB-RegA regulon from Rhodobacter capsulatus and Rhodobacter...*17th September, 2008
Department of Biology, Indiana University, Myers Hall, 915 E. Third St.,- Adv Exp Med Biol. 2008;631:131-48.
- [Three novel subunits of Arabidopsis chloroplastic NAD\(P\)H dehydrogenase identified by bioinformatic and reverse genetic approaches.](#)
*Chloroplastic NAD(P)H dehydrogenase (NDH) plays a role in cyclic electron...*13th September, 2008
Graduate School of Biostudies, Kyoto University, Sakyo, Kyoto, 606-8502,- Plant J. 2008 Sep 10. ([DOI Direct Link](#))
- [Coenzyme Q10 Supplementation Rescues Renal Disease in Pdss2kd/kd mice with mutations in Prenyldiphosphate synthase subunit 2.](#)
*Homozygous mice carrying kd (kidney disease) mutations in the gene...*12th September, 2008
UCLA.- Am J Physiol Renal Physiol. 2008 Sep 10. ([DOI Direct Link](#))
- [Synthesis and characterization of new piperazine-type inhibitors for mitochondrial NADH-ubiquinone oxidoreductase \(complex I\).](#)
*The mode of action of Deltalac-acetogenins, strong inhibitors of bovine...*11th September, 2008
Division of Applied Life Sciences, Graduate School of Agriculture, Kyoto- Biochemistry. 2008 Oct 7;47(40):10816-26. Epub 2008 Sep 10. ([DOI Direct Link](#))

Ubiquinone Clinical Trials:



- [Effects of Coenzyme Q10 on Charcot-Marie-Tooth Disease](#)
Charcot Marie Tooth Disease

Ubiquinone Patents:



- 7381800- [Antibodies to HBIMF63 polypeptide](#)
- 7393817- [Tenside composition containing gemini tensides and co-amphiphiles and production and use thereof](#)
- 7393934- [Human G-protein chemokine receptor \(CCR5\) HDGNR10](#)
- 7396659- [Inhibitors of nitric oxide synthase to treat type 1 diabetes](#)
- 7396829- [Nitric oxide enhancing diuretic compounds, compositions and methods of use](#)
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- 7399717- [Oxygen generation in whole blood by photolytic activation](#)
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- 7399905- [Resistance to acetohydroxyacid synthase-inhibiting herbicides in rice](#)
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