

Cytochromes A

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*Frontal cortex samples from frozen human brains were used to assess tissue...*18th September, 2009
Department of Biochemistry and Molecular Biology, Faculty of Medicine,- Free Radic Biol Med. 2009 Jun 15;46(12):1574-80. Epub 2009 Mar 17. ([DOI Direct Link](#))
- [\[Effect of hypoxia on the content and stoichiometry of cytochromes in muscle of the gray mullet *Liza aurata*\]](#)
*The maintenance of the gray mullet *Liza aurata* under conditions of hypoxia...*17th December, 2008
- Zh Evol Biokhim Fiziol. 2008 Sep-Oct;44(5):508-12.
- [Thermodynamic redox behavior of the heme centers in A-type heme-copper oxygen reductases: comparison between the two subfamilies.](#)
*The study of the thermodynamic redox behavior of the hemes from two...*17th December, 2008
Instituto de Tecnologia Quimica e Biologica, Universidade Nova de Lisboa,- Biophys J. 2008 Nov 1;95(9):4448-55. Epub 2008 Aug 1. ([DOI Direct Link](#))
- [SoxAX cytochromes, a new type of heme copper protein involved in bacterial energy generation from sulfur compounds.](#)
*SoxAX cytochromes are essential for the function of the only confirmed...*18th September, 2008
School of Molecular & Microbial Sciences, The University of Queensland,- J Biol Chem. 2008 Aug 8;283(32):22206-14. Epub 2008 Jun 14. ([DOI Direct Link](#))
- [\[Metabolism of the thermophilic bacterium *Oceanithermus profundus*\]](#)
*The metabolism of the novel facultatively anaerobic thermophilic bacterium...*23rd July, 2008
- Mikrobiologija. 2008 Mar-Apr;77(2):188-95.
- [Study of redox potential in cytochrome c covalently bound to terminal oxidase of alkaliphilic *Bacillus pseudofirmus* FTU.](#)
*Spectroelectrochemistry was used to determine the midpoint redox...*3rd June, 2008
Belozersky Institute of Physico-Chemical Biology, Lomonosov Moscow State- Biochemistry (Mosc). 2008 Jan;73(1):107-11.
- [Electron transfer kinetics of soluble fragments indicate a direct interaction between complex III and the *caa3* oxidase in *Thermus thermophilus*.](#)
*The extremely thermophilic bacterium *Thermus thermophilus* expresses an...*14th November, 2007
Molekulare Genetik, Institut für Biochemie, Biozentrum der J. W.- IUBMB Life. 2007 Aug-Sep;59(8-9):563-9. ([DOI Direct Link](#))
- [Cytochrome c oxidase maintains mitochondrial respiration during partial inhibition by nitric oxide.](#)

- Nitric oxide (NO), generated endogenously in NO-synthase-transfected...*5th April, 2007
Wolfson Institute for Biomedical Research, University College London,- J Cell Sci. 2007 Jan 1;120(Pt 1):160-5. Epub 2006 Dec 12. ([DOI Direct Link](#))
- [Interaction between cytochrome caa3 and F1F0-ATP synthase of alkaliphilic Bacillus pseudofirmus OF4 is demonstrated by saturation transfer electron paramagnetic resonance and differential scanning calorimetry assays.](#)
*Interaction between the cytochrome caa3 respiratory chain complex and...*9th March, 2007
Department of Biochemistry and Molecular Biology, Oklahoma State- Biochemistry. 2007 Jan 9;46(1):306-13. ([DOI Direct Link](#))
 - [Formamide probes a role for water in the catalytic cycle of cytochrome c oxidase.](#)
*Formamide is a slow-onset inhibitor of mitochondrial cytochrome c oxidase...*3rd March, 2007
Department of Biochemistry, Queen's University, Kingston, ON, Canada.- Biochim Biophys Acta. 2007 Jan;1767(1):45-55. Epub 2006 Oct 19. ([DOI Direct Link](#))
 - [Hemodilutional anemia impairs neurologic outcome after cardiopulmonary bypass in a piglet model.](#)
*OBJECTIVES: The effect of hemodilution on neurologic outcome after...*31st January, 2007
Terumo Medical- J Thorac Cardiovasc Surg. 2007 Jan;133(1):29-36. ([DOI Direct Link](#))
 - [Semisynthetic homoharringtonine induces apoptosis via inhibition of protein synthesis and triggers rapid myeloid cell leukemia-1 down-regulation in myeloid leukemia cells.](#)
*Semisynthetic homoharringtonine (ssHHT) is now being evaluated in phase II...*27th May, 2006
Universite Pierre et Marie Curie; INSERM UMRS 736, Hopital Hotel Dieu, 1- Mol Cancer Ther. 2006 Mar;5(3):723-31. ([DOI Direct Link](#))
 - [Tubular mitochondrial alterations in neonatal rats subjected to RAS inhibition.](#)
*Pharmacological interruption of the angiotensin II (ANG II) type 1...*23rd May, 2006
Dept. of Clinical Physiology, Univ. of Gothenburg, S-413 45 Gothenburg,- Am J Physiol Renal Physiol. 2006 May;290(5):F1260-9. Epub 2005 Oct 25. ([DOI Direct Link](#))
 - [Asexual transmission, non-suppressiveness and meiotic extinction of small plasmid-like derivatives of the mitochondrial DNA in Neurospora crassa.](#)
*For reasons that are not obvious, sets of related plasmid-like elements...*11th May, 2006
Department of Microbiology, Michigan State University, East-Lansing, MI- Fungal Genet Biol. 2006 Feb;43(2):90-101. Epub 2005 Dec 28. ([DOI Direct Link](#))
 - [Different effects of endotoxic shock on the respiratory function of liver and heart mitochondria in rats.](#)
*This study was designed to clarify whether mitochondrial...*17th March, 2006
Ludwig Boltzmann Institute for Experimental and Clinical Traumatology,- Am J Physiol Gastrointest Liver Physiol. 2006 Mar;290(3):G543-9. ([DOI Direct Link](#))

BioNews Results for Cytochromes A

- [Blood-Feeding Induces Reversible Functional Changes in Flight Muscle Mitochondria of italicAedes aegypti/itali](#)
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- 7527930- [Compositions and methods of use of standardized mixtures for determining an amount of a nucleic acid](#)
- 7534594- [Polypeptides having cellulolytic enhancing activity and polynucleotides encoding same](#)
- 7537919- [Cytochrome P450RAI-2 and related proteins](#)
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