

## Proline Oxidase

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### Recent Publications on Proline Oxidase:



- [Unraveling delta1-pyrroline-5-carboxylate-proline cycle in plants by uncoupled expression of proline oxidation enzymes.](#)  
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- [Gene Expression Profile Associated with Oncogenic Ras-induced Senescence, Cell Death, and Transforming Properties in Human Cells.](#)  
*ABSTRACT We developed inducible and constitutive expression systems of...*4th November, 2009  
Laboratory of Signal Mediated Gene Expression, Institute of Biological- Cancer Invest. 2009 Nov 2.
- [Regulation and function of proline oxidase under nutrient stress.](#)  
*Under conditions of nutrient stress, cells switch to a survival mode...*27th October, 2009  
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- [Mutation of a phosphorylatable residue in Put3p affects the magnitude of rapamycin-induced PUT1 activation in a Gat1p-dependent manner.](#)  
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Faculty of Life Sciences, University of Manchester, Oxford Road,- J Biol Chem. 2009 Sep 4;284(36):24115-22. Epub 2009 Jul 1. ([DOI Direct Link](#))
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- [Glucocorticoid regulation of amino acid and polyamine metabolism in the small intestine.](#)

- Several factors (including diets, changes in intestinal flora, and...* 22nd July, 2009  
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  - [Proline accumulation and transcriptional regulation of proline biosynthesis and degradation in Brassica napus.](#)  
*To understand the molecular mechanism underlying proline accumulation in...* 9th June, 2009  
Key Laboratory of Photosynthesis and Environmental Molecular Physiology,- BMB Rep. 2009 Jan  
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  - [The proline-dependent transcription factor Put3 regulates the expression of the riboflavin transporter MCH5 in Saccharomyces cerevisiae.](#)  
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## BioNews Results for Proline Oxidase

- [Reversible Inhibitors of Monoamine Oxidase-A \(RIMAs\): Robust, Reversible Inhibition of Human Brain MAO-A by CX157](#)  
*Neuropsychopharmacology: Nov 5 2009 5:03AM Matching: oxidase*
- [Enzyme Research: Researchers at Technion target enzyme research](#)  
*NewsRX: Oct 27 2009 4:35AM Matching: oxidase*
- [New artificial enzyme safer for nature](#)  
*Genetic Engineering News: Oct 22 2009 2:46PM Matching: oxidase*





## Proline Oxidase Patents:

- 7608450- [Nucleic acid and amino acid sequences relating to Staphylococcus epidermidis for diagnostics and therapeutics](#)
- 6747137- [Nucleic acid sequences relating to Candida albicans for diagnostics and therapeutics](#)
- 6723837- [Nucleic acid molecule and encoded protein associated with sterol synthesis and metabolism](#)
- 6432640- [P53-induced apoptosis](#)
- 6395482- [Method of determining susceptibility to schizophrenia](#)
- 6025194- [Nucleic acid sequence of senescence associated gene](#)
- 5858644- [Analysis of analytes in biological fluids](#)
- 5759788- [High affinity L-proline transporter polypeptides; antibodies and immunoassays specific for them](#)
- 5580775- [High affinity, brain-specific nucleic acids encoding a L-proline transporter, and vectors, and host cells comprising the same](#)
- 4900669- [Dual-stage fermentation](#)
- 4743546- [Controlled gene excision](#)
- 4582699- [Assay of immunoglobulin A protease and the rapid diagnosis of gonorrhea](#)
- 6943241- [Full-length cDNA](#)
- 7018794- [Methods for monitoring multiple gene expression](#)
- 7060458- [Nucleic acid and amino acid sequences relating to Staphylococcus epidermidis for diagnostics and therapeutics](#)
- 7588892- [Reagent sets and gene signatures for renal tubule injury](#)
- 7556939- [Identification and characterization of racemases, definition of protein signatures, and a test for detecting D-amino acid and for screening molecules capable of inhibiting the activity of racemase, especially proline racemase](#)
- 7469185- [Primary rat hepatocyte toxicity modeling](#)
- 7426441- [Methods for determining renal toxins](#)
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- 7348410- [Flea head, nerve cord, hindgut and malpighian tubule proteins](#)
- 7262015- [Identification and characterization of racemases, definition of protein signatures, and a test for detecting D-amino acid and for screening molecules capable of inhibiting the activity of racemase, especially proline racemase](#)
- 7198776- [Metal complex compounds](#)
- 7109033- [Stress-regulated genes of plants, transgenic plants containing same, and methods of use](#)
- 7109019- [Gene cluster for production of the enediyne antitumor antibiotic C-1027](#)
- 7105491- [Biosynthesis of enediyne compounds by manipulation of C-1027 gene pathway](#)
- 4455372- [Method for fermentative production of L-proline](#)

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