

Arylalkylamine N-Acetyltransferase

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- [\[Genetic transformation of *Nicotiana tabacum* L. by *Agrobacterium tumefaciens* carrying genes in the melatonin biosynthesis pathway and the enhancement of antioxidative capability in transgenic plants\]](#)
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Shaanxi Provincial Key Laboratory of Biotechnology, College of Life- Sheng Wu Gong Cheng Xue Bao. 2009 Jul;25(7):1014-21.
- [Differential resetting process of circadian gene expression in rat pineal glands after the reversal of the light/dark cycle via a 24 h light or dark period transition.](#)
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College of Biological and Environmental Engineering, Zhejiang University- Chronobiol Int. 2009 Jul;26(5):793-807. ([DOI Direct Link](#))
- [The modulatory effect of substance P on rat pineal norepinephrine release and melatonin secretion.](#)
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Neuro-Behavioral Biology Center, Institute of Science and Technology for- Neurosci Lett. 2009 Sep 25;461(3):258-61. Epub 2009 Jun 21. ([DOI Direct Link](#))
- [Cloning and characterization of a *Chlamydomonas reinhardtii* cDNA arylalkylamine N-acetyltransferase and its use in the genetic engineering of melatonin content in the Micro-Tom tomato.](#)
Melatonin is found in a wide variety of plant species. Several... 18th September, 2009
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- [Salt-inducible kinase 1 in the rat pinealocyte: adrenergic regulation and role in arylalkylamine N-acetyltransferase gene transcription.](#)
The recognition of the basic leucine zipper domain in the regulation of... 17th September, 2009
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- [Posttranscriptional regulation of pineal melatonin synthesis in *Octodon degus*.](#)
Small laboratory animals have provided significant information about... 4th September, 2009
Department of Neurology, University of Michigan, Ann Arbor, MI 48109-5622,- J Pineal Res. 2009 Aug;47(1):75-81. Epub 2009 Jun 17. ([DOI Direct Link](#))
- [Evidence of immune system melatonin production by two pineal melatonin deficient mice, C57BL/6 and Swiss strains.](#)
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Department of Medical Biochemistry and Molecular Biology, The School of- J Pineal Res. 2009 Aug;47(1):15-22. Epub 2009 Jun 10. ([DOI Direct Link](#))

- [The melatonin-producing system is fully functional in retinal pigment epithelium \(ARPE-19\).](#)
*Since melatonin production has been documented in extrapineal and...*29th August, 2009
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- [Characterization of arylalkylamine N-acetyltransferase \(AANAT\) activities and action spectrum for suppression in the band-legged cricket, *Dianemobius nigrofasciatus* \(Orthoptera: Gryllidae\).](#)
*Arylalkylamine N-acetyltransferase (AANAT), constituting a large family of...*20th June, 2009
Graduate School of Agricultural Science, Kobe University, Nada, Japan.- Comp Biochem Physiol B
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- [Structural and functional evolution of the pineal melatonin system in vertebrates.](#)
*In most species daily rhythms are synchronized by the photoperiodic cycle...*11th June, 2009
Universite Pierre et Marie Curie-Paris6, Laboratoire Arago,- Ann N Y Acad Sci. 2009 Apr;1163:101-11.
([DOI Direct Link](#))
- [Nocturnal activation of aurora C in rat pineal gland: its role in the norepinephrine-induced phosphorylation of histone H3 and gene expression.](#)
*We have shown previously that Ser10 phosphorylation of histone H3 occurs...*9th June, 2009
Department of Physiology, Faculty of Medicine and Dentistry, University of- Endocrinology. 2009
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- [Local corticosterone infusion enhances nocturnal pineal melatonin production in vivo.](#)
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Laboratorio de Cronofarmacologia, Departamento de Fisiologia, Instituto de- J Neuroendocrinol. 2009
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- [Effects of 20-hydroxyecdysone and juvenile hormone on octopamine metabolism in females of *Drosophila*.](#)
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Institute of Cytology and Genetics, Siberian Division of Russian Academy- Arch Insect Biochem
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- [Age-related changes in melatonin synthesis in rat extrapineal tissues.](#)
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BioNews Results for Arylalkylamine N-Acetyltransferase

- [/CORRECTION -- Catalyst Pharmaceutical Partners, Inc./](#)
Reuters: Nov 12 2009 8:15PM Matching: n
- [Allos Therapeutics Announces New Data on Folutyn to be Presented at the American Society of Hematology Meeting](#)
Pharma Live: Nov 12 2009 12:05AM Matching: n
- [Arthritis Foundation Presents 'Commitment to a Cure' Awards Gala](#)
RBC Dain Rauscher: Nov 12 2009 5:07PM Matching: n
- [Arthritis Foundation Presents 'Commitment to a Cure' Awards Gala](#)
Atlanta Business Chronicle: Nov 12 2009 4:53PM Matching: n
- [Arthritis Foundation Presents 'Commitment to a Cure' Awards Gala](#)

- Nashville Business Journal: Nov 12 2009 4:51PM Matching: n*
- [Arthritis Foundation Presents 'Commitment to a Cure' Awards Gala](#)
DMN Newswire: Nov 12 2009 5:44PM Matching: n
 - [Arthritis Foundation Presents 'Commitment to a Cure' Awards Gala](#)
Interest!ALERT: Nov 12 2009 4:11PM Matching: n
 - [/C O R R E C T I O N -- Catalyst Pharmaceutical Partners, Inc./](#)
KSLA: Nov 12 2009 8:42PM Matching: n
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Boston Business Journal: Nov 12 2009 4:53PM Matching: n
 - [Arthritis Foundation Presents 'Commitment to a Cure' Awards Gala](#)
Forbes.com: Nov 12 2009 4:38PM Matching: n
 - [/C O R R E C T I O N -- The Quigley Corporation/](#)
KSLA: Nov 12 2009 3:32PM Matching: n
 - [Cancer society planning EURJail-N-BailEUR in January](#)
Caledon Citizen: Nov 12 2009 3:09PM Matching: n
 - [NIOSH says disputed study didn't guide advice on masks](#)
Centre For Infectious Disease Research and Policy: Nov 11 2009 3:44AM Matching: n
 - [Flu vaccines available in East St. Louis, Fairmount City](#)
Belleville News Democrat: Nov 11 2009 2:28AM Matching: n
 - [Allos Therapeutics Announces New Data on FOLOTYN to be Presented at the American Society of Hematology Meeting](#)
Yahoo! Canada: Nov 11 2009 3:11PM Matching: n

Arylalkylamine N-Acetyltransferase Patents:



- 7469185- [Primary rat hepatocyte toxicity modeling](#)
- 7468178- [Methods for identifying compounds that modulate vigilance states](#)
- 6822084- [Corynebacterium glutamicum genes encoding stress, resistance and tolerance proteins](#)
- 6730287- [Methods for identifying compounds that modulate vigilance states](#)
- 5990094- [Inhibitors of sorotonin N-acetyltransferase](#)
- 5487990- [Glucose-regulated promoter of yeast acetyl-CoA hydrolase](#)

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