

Morphine Dependence

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Recent Publications on Morphine Dependence:

- [Naloxone-precipitated withdrawal enhances ERK phosphorylation in prefrontal association cortex and accumbens nucleus of morphine-dependent mice.](#)
*Mitogen-activated protein kinases (MAPK) can be activated by opioids such...*20th November, 2009
Forensic Department, Xi'an Jiaotong University School of Medicine, 76#- Neurosci Lett. 2009 Nov 13. ([DOI Direct Link](#))
- [Development of morphine induced tolerance and withdrawal symptoms is attenuated by lamotrigine and magnesium sulfate in mice.](#)
*The goal of this study was to evaluate the effects of lamotrigine and...*10th November, 2009
Department of Pharmacology and Toxicology, School of Pharmacy, Tabriz- Pak J Biol Sci. 2009 May 15;12(10):798-803.
- [\[Rudolph, crown-prince: the myth of a lost illusion\]](#)
*The personality of Rudolf, the crown prince of Austria-Hungary evokes...*7th November, 2009
- Psychiatr Hung. 2009;24(2):98-107.
- [Revisiting tolerance from the endogenous morphine perspective.](#)
*Tolerance represents a dynamic mechanism that can be used to temper...*3rd November, 2009
Neuroscience Research Institute, State University of New York, College at- Med Sci Monit. 2009 Sep;15(9):RA189-98.
- [Synthesis and characterizations of novel quinoline derivatives having mixed ligand activities at the kappa and mu receptors: Potential therapeutic efficacy against morphine dependence.](#)
*Based on an established 3D pharmacophore, a series of quinoline...*29th October, 2009
Indian Institute of Chemical Biology, Council of Scientific and Industrial- Bioorg Med Chem. 2009 Aug 15;17(16):5782-90. Epub 2009 Jul 18. ([DOI Direct Link](#))
- [Involvement of actin rearrangements within the amygdala and the dorsal hippocampus in aversive memories of drug withdrawal in acute morphine-dependent rats.](#)
*Aversive memories of drug withdrawal can generate a motivational state...*14th October, 2009
State Key Laboratory of Drug Research, Shanghai Institute of Materia- J Neurosci. 2009 Sep 30;29(39):12244-54. ([DOI Direct Link](#))
- [Commentary.](#)
*Aversive memories of drug withdrawal can generate a motivational state...*14th October, 2009
Pain and Chemical Dependency Division, Wasser Pain Centre, Mount Sinai- Clin Chem. 2009 Oct;55(10):1769. ([DOI Direct Link](#))
- [Number of addictive substances used related to increased risk of unnatural death: a combined](#)

medico-legal and case-record study.

*BACKGROUND: Substance use disorders have repeatedly been found to lead to...*16th September, 2009

Clinical- BMC Psychiatry. 2009 Aug 4;9:48. ([DOI Direct Link](#))

- [Effects of chronic administration of calcium-magnesium soft gels on morphine tolerance and dependence in mice.](#)

*The aim of present study was to assess the effects of chronic...*12th September, 2009

Isfahan Pharmaceutical Sciences Research Centre, School of Pharmacy and- Magnes Res. 2009 Jun;22(2):81-8.

- [Central administration of minocycline and riluzole prevents morphine-induced tolerance in rats.](#)

*BACKGROUND: Long-term exposure to opiates induces tolerance to the...*10th September, 2009

Department of Pharmacology and Toxicology, Faculty of Pharmacy, Tabriz- Anesth Analg. 2009 Sep;109(3):936-42. ([DOI Direct Link](#))

- [\[Possible relation of BDNF and GDNF to neuropsychiatric disorders\]](#)

*Structural abnormalities are demonstrated in various neuropsychiatric...*4th September, 2009

Department of Neuropsychopharmacology and Hospital Pharmacy, Nagoya- Nihon Shinkei Seishin Yakurigaku Zasshi. 2009 Apr;29(2):85-9.

- [Do pharmacological approaches that prevent opioid tolerance target different elements in the same regulatory machinery?](#)

*In the nervous system, the interaction of opioids like heroin and morphine...*29th August, 2009

Neurofarmacologia, Instituto de Neurobiologia Santiago Ramon y Cajal,- Curr Drug Abuse Rev. 2008 Jun;1(2):222-38.

- [Effects of rolipram and diazepam on the adaptive changes induced by morphine withdrawal in the hypothalamic paraventricular nucleus.](#)

*A role for the cyclic AMP systems in the development of morphine...*18th August, 2009

Department of Pharmacology, Faculty of Medicine, University of Murcia,- Eur J Pharmacol. 2009 Oct 12;620(1-3):1-8. Epub 2009 Aug 14. ([DOI Direct Link](#))

- [The proteomic analysis of primary cortical astrocyte cell culture after morphine administration.](#)

*Astrocytes are supportive cells, necessary for ensure optimal environment...*1st August, 2009

Neurobiochemistry Department, Faculty of Chemistry, Jagiellonian- J Proteome Res. 2009 Oct;8(10):4633-40. ([DOI Direct Link](#))

- [Melatonin enhances the expression of beta-endorphin in hypothalamic arcuate nucleus of morphine-dependent mice.](#)

*The study was conducted to investigate the effect of melatonin (MEL) on...*19th June, 2009

Department of Pharmacology; Department of Physiology and Pathophysiology,- Sheng Li Xue Bao. 2009 Jun 25;61(3):255-62.

Morphine Dependence Patents:



- 6399650- [Method for improving disturbances of activities of daily living after stroke](#)
- 6713488- [Neutral antagonists and use thereof in treating drug abuse](#)
- 6765010- [Compositions and methods for enhancing analgesic potency of tramadol and attenuating its adverse side effects](#)
- 6852685- [Use of colostrinin, constituent peptides thereof, and analogs thereof to promote neuronal cell](#)

differentiation

- 6861425- [Benzimidazole compounds as ORL1-receptor agonists](#)
- 6864261- [Therapeutic agents useful for treating pain](#)
- 6903068- [Use of colostrinin, constituent peptides thereof, and analogs thereof for inducing cytokines](#)
- 6939847- [Use of colostrinin, constituent peptides thereof, and analogs thereof, as oxidative stress regulators](#)
- 6992090- [Substituted piperidine compounds and methods of their use](#)
- 7026329- [Method of simultaneously enhancing analgesic potency and attenuating dependence liability caused by morphine and other bimodally-acting opioid agonists](#)
- 7067535- [5-Phenylbenzylamine compounds, process for their production and intermediates for their synthesis](#)
- 6699890- [Phosphodiesterase 4 inhibitors](#)
- 6699880- [Substituted imidazolidinone derivatives](#)
- 6407088- [Method of analgesia](#)
- 6407204- [Use of conantokins for producing analgesia or for neuroprotection](#)
- 6423739- [Method for aiding cerebral recovery following neurodegeneration](#)
- 6451806- [Methods and compositions involving opioids and antagonists thereof](#)
- 6465479- [Pyridomorphinans and use thereof](#)
- 6469030- [Methods for the treatment and prevention of ileus](#)
- 6534514- [Kappa opioid receptor antagonists](#)
- 6610743- [Bicyclic metabotropic glutamate receptor ligands](#)
- 6696066- [Opioid agonist/antagonist combinations](#)
- 6696088- [Tamper-resistant oral opioid agonist formulations](#)
- 7087625- [Phosphodiesterase 4 inhibitors](#)
- 7087749- [Substituted piperidine compounds and methods of their use](#)
- 7119064- [Use of colostrinin, constituent peptides thereof, and analogs thereof as modulators of intracellular signaling molecules](#)
- 7381721- [Substituted piperidine compounds](#)
- 7390905- [Piperidine compound and process for preparing the same](#)
- 7405230- [Phosphodiesterase 4 inhibitors, including N-substituted aniline and diphenylamine analogs](#)
- 7419686- [Opioid agonist/antagonist combinations](#)
- 7452705- [N4 virion single-stranded DNA dependent RNA polymerase](#)
- 7538110- [Opioid antagonists](#)
- 7541364- [Pyridomorphinans, pyridazinomorphinans and use thereof](#)
- 7544676- [Sulfamoyl benzamides and methods of their use](#)
- 7576207- [Spirocyclic heterocyclic derivatives and methods of their use](#)
- 7598261- [Spirocyclic heterocyclic derivatives and methods of their use](#)
- 7345096- [Use of norepinephrine reuptake modulators for preventing and treating vasomotor symptoms](#)
- 7342021- [Phosphodiesterase 4 inhibitors](#)
- 7153871- [Phosphodiesterase 4 inhibitors, including aminoindazole and aminobenzofuran analogs](#)
- 7205320- [Phosphodiesterase 4 inhibitors](#)
- 7226930- [Phosphodiesterase 4 inhibitors](#)
- 7256200- [Method and composition for potentiating an opiate analgesic](#)
- 7288269- [Asafetida extract as medicine for abstinence of drugs](#)
- 7297796- [Sulfamoyl benzamide derivatives and methods of their use](#)
- 7332486- [Phosphodiesterase 4 inhibitors](#)
- 7335654- [Phosphodiesterase 4 inhibitors](#)
- 7338799- [Polynucleotide encoding a mouse choline transporter](#)
- 7338962- [Spirocyclic heterocyclic derivatives and methods of their use](#)
- 7619092- [Piperidine compounds](#)

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