



中文标题

检索

跨刊检索

从分子机制研究抗帕金森病中药的线虫模型

投稿时间: 2009-09-23 责任编辑: 张宁宁 [点击下载全文](#)

引用本文: 王香明,汪晓燕,高会丽,王丹巧.从分子机制研究抗帕金森病中药的线虫模型[J].中国中药杂志,2010,35(5):661.

DOI: 10.4268/cjmm20100527

摘要点击次数: 541

全文下载次数: 291

广告合作



作者中文名	作者英文名	单位中文名	单位英文名	E-Mail
王香明	WANG Xiangming	中国中医科学院 医学实验中心,北京 100700	Medical Experimental Center, China Academy of Chinese Medical Sciences, Beijing 100700, China	xm224@sohu.com
汪晓燕	WANG Xiaoyan	中国中医科学院 医学实验中心,北京 100700	Medical Experimental Center, China Academy of Chinese Medical Sciences, Beijing 100700, China	
高会丽	GAO Huali	中国中医科学院 医学实验中心,北京 100700	Medical Experimental Center, China Academy of Chinese Medical Sciences, Beijing 100700, China	
王丹巧	WANG Danqiao	中国中医科学院 医学实验中心,北京 100700	Medical Experimental Center, China Academy of Chinese Medical Sciences, Beijing 100700, China	

基金项目:中国中医科学院基本科研业务费课题(ZZ2007011)

中文摘要:中药在治疗帕金森病方面取得了较好效果,但对其治病分子机制了解相对较少,而阐明其分子机制是了解其发挥功能的基础。采用适合分子机制研究的模式生物线虫转基因帕金森病模型,从分子机制探索中药抗帕金森病的机制,可能是行之有效的办法。本文简要介绍帕金森病分子机制研究进展,进而介绍线虫转基因帕金森病模型研究中干预帕金森病的分子机制。

中文关键词:帕金森病 线虫 中药 分子机制

Study of molecular mechanism of anti-Parkinson's disease Traditional Chinese Medicine using model of *Caenorhabditis elegans*

Abstract: Parkinson's disease (PD) is a neurodegenerative disorder with a complex, multifactorial aetiology. The brains of patients affected with PD are characterized by a loss of neurons in dopamine neurons in the substantia nigra, decreasing of dopamine secretion, and the deposition of Lewy bodies (LBs) in the cytoplasm of remaining neurons. In China the data show that the incidence of Parkinson's disease increases at least 20 times in recent 20 years, and it makes things worse for the aging society. Developing good anti-PD drugs to improve the patient's quality of life is particularly important. The treatment of PD using traditional Chinese medicine (TCM) has made remarkable effect, while the molecular mechanisms of it is still not known, while elucidating the molecular mechanism of TCM is the base of better understanding its function. Using genetically modified PD model of *Caenorhabditis elegans*, which is suitable for molecular mechanism study, to explore the interference mechanism of TCM to PD might be an effective way. This review briefly introduces the research progress on molecular mechanism of PD, and then discusses the idea of using *C. elegans* to study molecular mechanism of TCM intervention to PD.

keywords: Parkinson's disease *Caenorhabditis elegans* traditional Chinese medicine molecular mechanism

[查看全文](#) [查看/发表评论](#) [下载PDF阅读器](#)