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## 中医药对帕金森病动物模型的治疗机制

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中文摘要:帕金森病(PD)是一种常见的中枢神经系统进行性退行性疾病,但迄今还未找到一种药物能确切地保护神经元,推迟发病或延缓疾病的进展。目前有多种中医复方、单味药、有效部位及单体均可在动物模型上对PD有防治作用,其主要机制涉及保护黑质细胞,改善神经递质含量、抗氧化和调节免疫、提高西医药疗效、减轻毒副作用等发挥综合的作用,并可能延缓疾病进程。尤其中医复方通过多种有效成分对人体有多环节、多层次、多靶点的整合调节作用,可能对PD神经保护治疗有一定的优势。但中医药对PD动物实验研究的层次和水平尚需提高。

中文关键词: [中医中药](#) [帕金森病](#) [动物模型](#) [机制](#)

### Mechanism of traditional Chinese medicine on animal model of parkinson's disease

**Abstract:** Parkinson's disease (PD) is a common degenerative disease of the central nervous system, but no drug has been found to be surely able to protect neurons so far, delay onset or slow progression of the disease. Currently there are a variety of Chinese formulas, single herb medicines, active fractions and monomers showed prophylactic and therapeutic effect on PD animal models. The mechanisms include protection of substantia nigra cells, improvement of neurotransmitter content, anti-oxidation, immune regulation, enhancement of Western medicine efficacy, reduction of side effects, etc. All these mechanisms may play integrated effect and slow disease progression. In particular, Chinese medicine compound may have some advantages in neuroprotective treatment of PD, because a variety of active ingredients can exert multi-links, multi-levels and multi-targets integrated regulation effect on human body. However, the level and standard of Chinese medicine studies on PD animal still need to be improved.

**keywords:** [traditional Chinese medicine](#) [Parkinson's disease](#) [animal model](#) [mechanism](#)

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