



中文标题 检索 跨刊检索

从莪术、郁金两味中药探讨寒热药性对大鼠大脑不同部位单胺类神经递质的影响

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作者中文名	作者英文名	单位中文名	单位英文名	E-Mail
李俊青	LI Junqing	天津中医药大学,天津 300193	Tianjin University of Traditional Chinese Medicine, Tianjin 300193, China	
张德芹	ZHANG Deqin	天津中医药大学,天津 300193	Tianjin University of Traditional Chinese Medicine, Tianjin 300193, China	deqin123@163.com
张潇	ZHANG Xiao	天津中医药大学,天津 300193	Tianjin University of Traditional Chinese Medicine, Tianjin 300193, China	
王茜	WANG Xi	天津中医药大学,天津 300193	Tianjin University of Traditional Chinese Medicine, Tianjin 300193, China	
曾森	ZENG Sen	天津中医药大学,天津 300193	Tianjin University of Traditional Chinese Medicine, Tianjin 300193, China	

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中文摘要:目的:从中枢单胺类神经递质的含量差异探讨中药寒热药性的科学内涵。方法:将莪术、郁金2味药性相反的中药给大鼠灌胃给药1个月,用HPLC-ECD检测大鼠大脑不同部位单胺类神经递质的含量。结果:温热药莪术明显促进大鼠大脑不同部位单胺类神经递质的分泌,与对照组相比有统计学差异($P<0.05, P<0.01$);寒凉药郁金明显抑制大鼠大脑不同部位单胺类神经递质的分泌,与对照组相比有统计学差异($P<0.05, P<0.01$)。结论:中药的寒热药性与中枢单胺类神经递质存在一定的相关性。

中文关键词:莪术 郁金 中药寒热药性 单胺类神经递质 HPLC-ECD

Research traditional Chinese medicine properties by detecting rats' monoamine neurotransmitter after given two different traditional Chinese medicine

Abstract: Objective: To find out the essence of the traditional Chinese medicine properties from detecting the rats' monoamine neurotransmitter after given different traditional Chinese drug. Method: The property of rhizome curcumae and radix curcumae is opposite, they were given to rats respectively for one month. Next, HPLC-ECD method was used to detect the rats' monoamine neurotransmitter in different encephalic region. Result: Rhizome curcumae can raise the rats' monoamine neurotransmitter, but radix curcumae inhibits the rats' monoamine neurotransmitter. Conclusion: There are correlations between the traditional Chinese medicine properties and monoamine neurotransmitter.

keywords: Rhizome Curcumae Radix Curcumae traditional Chinese medicine properties monoamine neurotransmitter HPLC-ECD

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