

论文

人参对机体反应性的影响

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摘要:

人参对接种锥虫的小鼠,能延缓锥虫在小鼠血中出现的时间,且能使小鼠耐受更多的锥虫,显著地延长其生存时间。此种作用随着感染前给药的时间延长而增强。人参对健康家兔体温没有影响,但长期喂药,却能防止静脉注射菌苗引起的发热反应。在麻醉犬的实验中,人参能对抗磷酸组织胺引起的血压降低及肠管兴奋作用。

关键词:

The Effect of Ginseng (*Panax ginseng* C.A.Mey) on Organism Reactivity

CHANG PAO-HENG

Abstract:

Mice were given Ginseng by mouth at the dosage of 0.1g/kg/day for 3 weeks and then infected with trypanosoma. Ginseng administration was continued throughout the course of the infection. It was found that the disease process of trypanosomiasis was attenuated by this treatment. Trypanosomes appeared later in the blood and the life span of the treated mice was significantly prolonged as compared with that of the controls. However Ginseng *in vitro* at the concentration of 1×10^{-5} — 1×10^{-4} did not affect the activity of trypanosomes. Administration of Ginseng to rabbits by mouth at the dosage of 0.25g/kg/day for 3 weeks followed by an intraperitoneal injection of Ginseng of 0.2g/kg can prevent the development of fever produced by the intravenous injection of vaccine. However, this treatment did not influence the temperature of normal rabbits. The hypotension and intestinal spasm induced in dogs by intravenous injection of 0.003mg/kg of histamine phosphate were prevented by pretreatment with 0.025g/kg of Ginseng intravenously.

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