

[本期目录](#) | [下期目录](#) | [过刊浏览](#) | [高级检索](#)[\[打印本页\]](#) [\[关闭\]](#)**兽医—研究报告****蟾酥注射液对免疫抑制小鼠免疫功能的调节作用**郭维霄<sup>1</sup>, 仲伟婷<sup>2</sup>, 李文华<sup>2</sup>, 杨小丰<sup>2</sup>, 杨振国<sup>2</sup>

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**摘要:**

**摘要:** 本实验研究蟾酥注射液对免疫抑制小鼠免疫功能的调节作用。采用药理免疫学方法制造免疫低下的动物模型, 测定脾脏重量并计算脾脏指数; ELISA方法检测IgG, IgG1, IgG2b抗体水平; MTT法检测脾淋巴细胞增殖反应; ELISA方法检测细胞因子(IFN-γ、IL-4、IL-10)水平。测定结果表明, 蟾酥注射液能够增强免疫低下小鼠脾脏指数, 提高抗体水平; 在ConA或者LPS刺激下提高脾细胞增殖率, 促进淋巴细胞分泌细胞因子, 说明蟾酥注射液在一定剂量下能够缓解氟苯尼考引起的免疫抑制。

**关键词:** 细胞因子**Regulative effects of Bufonis Parenteral on immunosuppression in mice****Abstract:**

**Abstract:** In the present study, regulative effects of bufonis parenteral sloution on ?orfenicol-induced immunosuppression in mice were evaluated. Animal model of ?orfenicol-induced immunosuppression was made. Spleens were weighted and calculated weight index. OVA-speci?c IgG, IgG1, IgG2b were measured by ELISA, splenocytes were harvested for determining lymphocyte proliferation and spleen lymphocyte secrete cytokines were measured by ELISA method. The results showed that bufonis parenteral solution could increase the weight and the level of antibody. Bufonis parenteral solution treated combined with polyclonal T cell mitogen (Con A or LPS) in a certain dose range, the effects significantly enhanced the proliferation. Bufonis parenteral solution also induce cytokines secretion in vivo. The results indicated that bufonis parenteral solution possessed the regulative effects on ?orfenicol-induced immunosuppression in mice.

**Keywords:** cytokines

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