



### CD4+CD25+调节性T细胞在蠕虫感染免疫中的作用

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### The Role of CD4+CD25+ Regulatory T Cells in Helminth Infection Immunity

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**摘要** 调节性T细胞 (Regulatory T cells, Tregs) 是一类有别于Th1和Th2细胞的具有免疫抑制功能的CD4+ T淋巴细胞, 在维持机体免疫稳态和免疫耐受中发挥重要作用。研究表明, 蠕虫感染能诱导Tregs产生, Tregs通过抑制局部效应性T细胞的功能, 降低蠕虫感染对宿主造成的免疫病理损伤。

**关键词:** 调节性T细胞 蠕虫 感染 免疫调节

**Abstract:** Regulatory T cells (Tregs), a class of CD4+ T lymphocytes which are different from the Th1 and Th2 lymphocytes, have immunosuppressive function and play an important role in maintaining immune homeostasis and immune tolerance. Previous studies showed that the generation of Tregs could be induced, and Tregs reduced the immune pathological damage to the host by inhibiting T-cell function in helminth infection.

**Keywords:** Regulatory T Cell Helminth Infection Immunomodulatory

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