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中国寄生虫学与寄生虫病杂志 » 2012, Vol. 30 » Issue (6) :480-485,490 DOI:

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### 弓形虫入侵宿主机制及免疫学研究进展

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#### Research Progress on Invasion Mechanism and Immunology of *Toxoplasma gondii*

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摘要

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**摘要** 刚地弓形虫 (*Toxoplasma gondii*) 是一种专性细胞内寄生虫, 对人类健康和畜牧业的发展造成严重危害。近年来, 对弓形虫入侵宿主的机制及免疫学方面进行了大量研究, 取得了许多重要的研究进展, 有助于深入了解弓形虫的致病机制和进行免疫预防。本文拟从细胞与分子生物学角度阐述弓形虫入侵宿主细胞的过程, 并综述宿主感染弓形虫后不同免疫细胞的作用以及不同器官的免疫应答。

**关键词:** 弓形虫 入侵机制 免疫细胞 免疫学

**Abstract:** *Toxoplasma gondii* is a kind of obligate intracellular parasite and causes serious harm to human health and the development of animal husbandry. Recent years, significant research on its mechanism of host-invading and immunology has been conducted, and considerable research progress has been made, which are important for an in-depth knowledge of pathogenesis of *Toxoplasma gondii* and immune prevention. This paper reviews the invading process of the parasite in the viewpoint of molecular and cell biology, and the effects of different kinds of immunocytes and the immune responses in the organs.

**Keywords:** *Toxoplasma gondii* Invasion mechanism Immunocyte Immunology

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蒲元华, 张德林. 弓形虫入侵宿主机制及免疫学研究进展[J] 中国寄生虫学与寄生虫病杂志, 2012, V30(6): 480-485, 490

Pu Yuan-Hua, ZHANG De-Lin. Research Progress on Invasion Mechanism and Immunology of *Toxoplasma gondii*[J], 2012, V30(6): 480-485, 490