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中国寄生虫学与寄生虫病杂志 » 2012, Vol. 30 » Issue (5) :401-405 DOI:

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多房棘球蚴感染与宿主相互作用 的免疫学机制研究进展

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Research Advances in Interplay of Host Immune Mechanism and Echinococcus multilocularis Metacestodes

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摘要

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摘要 【提要】 通过感染过程中宿主的固有免疫和获得性免疫的作用, 多房棘球蚴可调节一系列虫体与宿主的相互作用效应, 这些效应有助于虫体在宿主肝脏内的增殖和成熟, 从而完成其生活史; 对中间宿主来说, 则可限制寄生所导致的病理变化的发展。本文主要针对多房棘球蚴免疫相关分子在提高寄生虫生存能力等方面与宿主间的免疫应答研究进行综述。

关键词: 多房棘球蚴 免疫相关分子 宿主-虫体相互作用

Abstract: 【Abstract】 Through affecting on host innate and acquired immune responses, Echinococcus multilocularis orchestrates various interplays that are beneficial not only to facilitate its intrahepatic proliferation and maturation during life cycle, but also to limit pathological process in its intermediate host. This review reveals the role of the metacestode's immune-related molecules in modulating host responses and optimizing its own survival.

Keywords: Echinococcus multilocularis Immune-related molecule Host-parasite interplay

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引用本文:

娄忠子, 李宏民, 闫鸿斌, 倪兴维, 贾万忠*. 多房棘球蚴感染与宿主相互作用 的免疫学机制研究进展[J] 中国寄生虫学与寄生虫病杂志, 2012, V30(5): 401-405

LOU Zhong-zi, LI Hong-min, YAN Hong-bin, NI Xing-wei, JIA Wan-zhong*. Research Advances in Interplay of Host Immune Mechanism and Echinococcus multilocularis Metacestodes[J], 2012, V30(5): 401-405