中国寄生虫学与寄生虫病杂志 2008 26 (1): 63-66 ISSN: 1000-7423 CN: 31-1248/R

综述

树突状细胞与血吸虫感染的Th2应答

臧炜，沈玉娟，曹建平*

中国疾病预防控制中心寄生虫病预防控制所, 世界卫生组 织疟疾、 血吸虫病和丝虫病合作中心, 卫生部寄生虫病与 媒介生物学重点实验室， 上海 200025

收稿日期 修回日期 网络版发布日期 接受日期

摘要
病原微生物入侵机体后，作为主要专职抗原提呈细胞的树突状细胞（dendritic cell， DC）在启动整个适应性免疫应答过程中起着重要作用。而抗血吸虫保护性免疫应答和血吸虫卵导致的宿主免疫病理反应均与Th2应答有着密切的关系。深入理解其免疫机制，有利于抗血吸虫疫苗和减轻血吸虫病组织损害的研究。本文以树突状细胞为中心，对血吸虫（包括虫卵）诱导Th2应答的机制作一阐述。

关键词 树突状细胞 Th2应答 血吸虫

分类号

Dendritic Cells and Th2 Response Induced by Schistosome Infection

ZANG Wei,SHEN Yu-juan,CAO Jian-ping*

National Institute of Parasitic Diseases，Chinese Center for Disease Control and Prevention；Laboratory of Parasite and Vector Biology，MOH，China; WHO Collaborating Centre of Malaria，Schistosomiasis and Filariasis，Shanghai 200025，China

Abstract
Dendritic cells act as the major antigen presenting cells in the body and play a central role in intri-guing the adaptive immune response. Protective immunity against schistosome and immuno-pathological response in host caused by eggs are both closely associated with Th2 response. Further understanding on immune mechanism will contribute to the development of vaccines against schistosome infection， as well as the relief of the pathological lesion in schistosomiasis. This article discusses the central role of dendritic cells in the mechanism of Th2 response induced by schistosome（including eggs）.

Key words Dendritic cells Th2 response Schistosome

DOI:

通讯作者 曹建平 caojp@yahoo.com

作者个人主页 臧炜;沈玉娟;曹建平*