

综述

巨噬细胞LPS相关模式识别受体的研究进展

丁宁,姜勇[△]

南方医科大学病理生理学教研室, 广东省功能蛋白质组学重点实验室, 广东 广州 510515

收稿日期 2007-1-20 修回日期 2007-7-13 网络版发布日期 2009-1-1 接受日期 2007-7-13

摘要

关键词 [巨噬细胞](#); [脂多糖类](#); [模式识别受体](#); [脓毒症](#)

分类号 [R392.1](#)

Recent advance in macrophage pattern recognition receptors for lipopolysaccharide recognition

DING Ning, JIANG Yong

Department of Pathophysiology and Key Laboratory of Functional Proteomics of Guangdong Province, Southern Medical University, Guangzhou 510515, China. E-mail: yjiang@fimmu.com

Abstract

Sepsis is systemic inflammatory response syndrome (SIRS) associated with the presence of pathogenic microorganisms or their toxin. Lipopolysaccharide (LPS) is an important component of the outer membrane of Gram negative bacteria and has a pivotal role in inducing Gram negative sepsis. Macrophages play an essential role in infection and inflammation. Specific recognition of LPS is of particular importance in the defense system and pattern recognition receptors (PRR) have been considered to be important in initial steps for cellular recognition of LPS and consequence initiation of LPS responses. In the past few years, intense research in the fields of PRR and their recognition mechanism has been achieved. In this review, we attempt to expound recent research advances of macrophage PRRs for LPS recognition and their mechanism.

Key words [Macrophages](#) [Lipopolysaccharides](#) [Pattern recognition receptors](#) [Sepsis](#)

DOI: 1000-4718

通讯作者 姜勇 yjiang@fimmu.com

扩展功能

本文信息

- ▶ [Supporting info](#)
- ▶ [PDF\(5731KB\)](#)
- ▶ [\[HTML全文\]\(0KB\)](#)
- ▶ [参考文献](#)

服务与反馈

- ▶ [把本文推荐给朋友](#)
- ▶ [加入我的书架](#)
- ▶ [加入引用管理器](#)
- ▶ [复制索引](#)
- ▶ [Email Alert](#)
- ▶ [文章反馈](#)
- ▶ [浏览反馈信息](#)

相关信息

- ▶ [本刊中 包含“巨噬细胞; 脂多糖类; 模式识别受体; 脓毒症”的相关文章](#)
- ▶ 本文作者相关文章
 - [丁宁](#)
 - [姜勇](#)