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TLR4与肿瘤免疫逃逸的研究进展 [点此下载全文](#)

[郭 栋](#) [张超雄](#) [刘秋燕](#)

第二军医大学 免疫研究所 暨 医学免疫学国家重点实验室, 上海 200433; 第二军医大学 免疫研究所 暨 医学免疫学国家重点实验室, 上海 200433; 第二军医大学 免疫研究所 暨 医学免疫学国家重点实验室, 上海 200433

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**摘要:**

Toll样受体(Toll-like receptor, TLR)家族是感受病原体入侵的一类模式识别受体, 目前在哺乳动物免疫系统中共发现11个成员, 其中以TLR4最受关注。大部分肿瘤组织均表达TLR4; 肿瘤细胞上TLR4激活后能以不同方式促进肿瘤的发生、发展、凋亡抵抗和侵袭、转移; TLR4参与肿瘤免疫逃逸除了外源性活化机制外, 肿瘤微环境中的内源性配体同样可能发挥重要作用。TLR4有望成为肿瘤生物治疗的新靶点。

**关键词:** [Toll样受体](#) [TLR4](#) [肿瘤](#) [免疫逃逸](#)

Toll-like receptor 4 and tumor immune escape: Recent progress [Download Fulltext](#)

[GUO Dong](#) [ZHANG Chao-xiong](#) [LIU Qiu-yan](#)

National Key Laboratory of Medical Immunology & Institute of Immunology, Second Military Medical University, Shanghai 200433, China; National Key Laboratory of Medical Immunology & Institute of Immunology, Second Military Medical University, Shanghai 200433, China; National Key Laboratory of Medical Immunology & Institute of Immunology, Second Military Medical University, Shanghai 200433, China

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Abstract:

Toll-like receptors (TLRs) is a group of pattern recognition receptors which can sense pathogen invasion; by now 11 TLR members have been identified in the mammalian immune system. Of all these TLRs, TLR4 received the most attention from scientists. TLR4 is expressed in a variety of tumors, and TLR4 activation can promote the development and progression, apoptosis resistance, and invasion and metastasis of tumors. Besides, the exogenous activation and endogenous ligands in tumor microenvironment may also play important roles in tumor immune escape triggered by TLR4. TLR4 is expected to become a new target for cancer biotherapy.

Keywords: [Toll-like receptor \(TLR\)](#) [TLR4](#) [tumor](#) [immune escape](#)

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