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NF- κ B在前列腺癌发生中的作用及可能机制 [点此下载全文](#)

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摘要:

前列腺炎是前列腺癌的危险因素之一, 核转录因子- κ B (nuclear factor κ B, NF- κ B) 在前列腺炎诱发前列腺癌的过程中起重要作用。作为炎症环境特点之一的缺氧与参与免疫应答的Toll样受体, 均可激活NF- κ B; 同时炎症细胞亦可通过NF- κ B影响肿瘤的生物行为; 此外, NF- κ B与其他前炎症因子间存在交互作用。NF- κ B通过多途径调控肿瘤生长, 包括促凋亡、抑增殖, 介导肿瘤侵袭、转移和血管生成, 同时可能诱导前列腺癌向雄激素非依赖性阶段演进。抗炎及针对NF- κ B的靶向治疗为前列腺癌的治疗提供新思路, 有待进一步深入研究。

关键词: [核转录因子- \$\kappa\$ B\(NF- \$\kappa\$ B\)](#) [前列腺肿瘤](#) [前列腺炎](#) [雄激素非依赖性](#)

Role and possible mechanism of NF- κ B in tumorigenesis of prostate cancer [Download Fulltext](#)

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Abstract:

Prostatitis is a risk factor of prostate cancer. Nuclear factor- κ B (NF- κ B) plays an important role in the tumorigenesis of prostate cancer induced by prostatitis. Hypoxia, a marker of inflammation, and Toll like receptors both can activate NF- κ B. Inflammatory cells can regulate the biological behavior of tumors through NF- κ B. Moreover, NF- κ B has a cross-talk with many pro-inflammatory factors. NF- κ B regulates tumor growth through various ways, including apoptosis promotion and proliferation suppression, mediation of invasion, metastasis and angiogenesis of tumors; NF- κ B also can induce progression of prostate cancer from the androgen-dependent to the androgen-independent stage. Anti-inflammation and NF- κ B-targeting therapies cast new lights on prostate cancer treatment, which deserves further study.

Keywords: [NF- \$\kappa\$ B](#) [prostate neoplasmas](#) [prostatitis](#) [androgen-independent](#)

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