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Int J Biochem Cell Biol. 2011 Nov;43(11):1537-49. doi: 10.1016/j.biocel.2011.08.003. Epub 2011 Aug 12.	
The emerging role of nuclear factor kappa B in renal cell carcinoma.	
Morais C, Gobe G, Johnson DW, Healy H.	
Department of Renal Medicine, Royal Brisbane and Women's Hospital, Herston, Queensland, Australia. c.morais@u	uq.edu.au
Abstract	
Renal cell carcinoma (RCC), the commonest type of kidney cancer, is a highly metastatic and the dea urologic cancers. Despite the development of many novel chemotherapeutics in recent years, metasta an incurable and lethal disease. The imperative for the identification of novel molecular targets and motherapeutics for metastatic RCC remain. One promising target is the transcription factor nuclear factor (NF-κB). NF-κB is unique in the sense that it regulates all important aspects of RCC biology that pose conventional therapy - resistance to apoptosis, angiogenesis and multi-drug resistance. Aberrations in Lindau gene (VHL) are the most important risk factor for the development of RCC, especially the clear constitutes 70-80% of RCC. VHL is a negative regulator of NF-κB. In the absence of a functional VHI and activity of NF-κB are enhanced, which subsequently confer drug resistance and promote epithelia transition of RCC. This review provides an overview of RCC, its molecular mechanisms, the role of N carcinomas including RCC, and the rationale for NF-κB as a target molecule.	tatic RCC remains ore effective or kappa B e challenge to in the von Hippel ar cell type, which L, the expression al-mesenchymal-
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