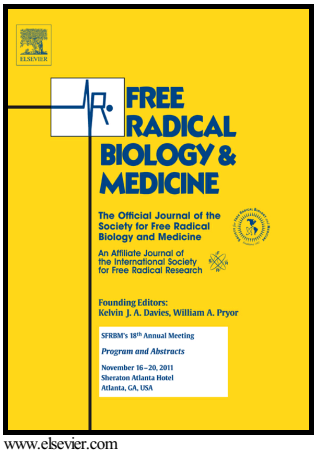

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DMAPT inhibits NF-κB activity and increases sensitivity of prostate cancer cells to X-rays *in vitro* and in tumor xenografts *in vivo*

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Abstract

Constitutive activation of the pro-survival transcription factor NF-κB has been associated with resistance to both chemotherapy and radiation therapy in many human cancers, including prostate cancer. Our lab and others have demonstrated that the natural product parthenolide can inhibit NF-κB activity and sensitize PC-3 prostate cancers cells to X-rays *in vitro*; however,