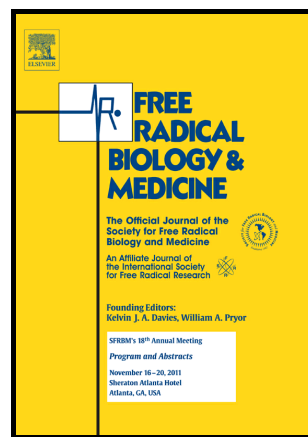


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BMP signalling-driven osteogenesis is critically dependent on Prdx-1 expression-mediated maintenance of chondrocyte prehypertrophy

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Abstract

During endochondral ossification, cartilage template is eventually replaced by bone. This process involves several well characterised, stereotypic, molecular and cellular changes in the cartilage primordia. These steps involve transition from resting to proliferative and then pre-hypertrophic to finally hypertrophic cartilage. BMP signaling is necessary and sufficient for

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