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(54) **METHODS FOR ACCELERATING BONE AND CARTILAGE GROWTH AND REPAIR**

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(56) References cited:

- **DATABASE CHEMABS [Online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US HAGIWARA, MITSUhide ET AL.: "Regulation of bone metabolism by vasoactive peptides" retrieved from STN FILE CA Database accession no. 129:36502 XP002900711 & SAISHIN IGAKU, vol. 53, no. 6, 1998, pages 1289-1294, ISSN: 0370-8241**
- **DATABASE MEDLINE [Online] US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US LAMPARTER, S. ET AL.: "Effects of angiotensin II on bone cells in vitro" retrieved from MEDLINE, accession no. 1998150748 XP002900712 & JOURNAL OF CELLULAR PHYSIOLOGY, vol. 175, no. 1, April 1998 (1998-04), pages 89-98, ISSN: 0021-9541**
- **DATABASE CHEMABS [Online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US HATTON, R. ET AL.: "Angiotensin II is generated from angiotensin I by bone cells and stimulates osteoclastic bone resorption in vitro" retrieved from STN, accession no. 127:1149 XP002900713 & J. ENDOCRINOL., vol. 152, no. 1, 1997, pages 84x5-10, ISSN: 0022-0795**

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