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Isopropanolic Cimicifuga racemosa is favorable on bone markers b

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Isopropanolic Cimicifuga racemosa is favorable on bone markers but neutral on an osteoblastic cell line.

[García-Pérez MA¹](#), [Pineda B](#), [Hermenegildo C](#), [Tarín JJ](#), [Cano A](#).

Author information**Abstract**

Postmenopausal women treated with an **isopropanolic** extract of **Cimicifuga racemosa** underwent a decrease in the urinary concentration of N-telopeptides, a marker of **bone** resorption, and an increase in alkaline phosphatase, a marker of **bone** formation, at the third month of therapy. Serum from treated women did not modify the activity of alkaline phosphatase or the expression of three genes, runt-related transcription factor-2 (Runx-2), alkaline phosphatase, and osteocalcin, when added to the MC3T3-E1 **osteoblastic cell line**.

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