Reviewer's report

**Title:** The Beneficial Role of Vitamin D in Obesity: Possible Genetic and Cell Signaling Mechanisms

**Version:** 4  **Date:** 29 May 2013

**Reviewer:** Yvonne Foss

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Background, first paragraph:
To insert "deficiency" into the sentence: "Vitamin D is an independent risk factor for obesity and abdominal obesity in women [4]."

Genetic factors that relate to vitamin D and obesity, fifth paragraph
To replace "were" with "was" in the sentence: "A positive correlation between the concentrations of circulating VEGF levels and BMI was demonstrated in healthy male subjects under highly controlled conditions [87]."