Reviewer's report

**Title:** Myoblast sensitivity and fibroblast insensitivity to osteogenic conversion by BMP-2 correlates with the expression of Bmpr-1a

**Version:** 3  **Date:** 27 February 2009

**Reviewer:** Kazuhisa Bessho

**Reviewer's report:**

To our many questions, the authors' comments are insufficient. The authors should respond to my questions properly

Comment #1. C2C12 are myoblasts. NIH/3T3 are fibroblasts. MC3T3E1 are osteoblasts. I cannot understand why the authors used bone marrow cells. If they need immature cells, they should use younger mice.

Comment #3. In vitro and ex vivo studies are totally different. The authors do not seem to improve this point. It is necessary to describe the results of ex vivo study using these treated cells.

**Level of interest:** An article of limited interest

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests.