

**Editor Comment:**

The manuscript 2013/I-SRR/8709 has some critical problems:

Some reviewer comments were not considered in the final version. My main concerns are the absence of phytochemical analyses to identify some compounds in the lime juice tested. Dosage of additional hormones suggested were not done or justified. The title was changed as suggested, but the conclusion remains with the anti-proliferative function of the lime juice, which is not supported by data.

The manuscript has some additional problems:

The origin of fruit used for test, from a market has some problems because there is not a positive control: Effects are due to compound from lime juice or it is contaminated with chemicals as insecticides and herbicides used in the fruit plantation?

The sample size is too small. Five rats/treatment is small and the statistical test used (t-student) cannot be applied for small sample size.

The background is fail. Popular use of bath with lime juice to avoid pregnancy does not support the research. Anti-pregnancy effect might be to lower pH in the vaginal environment.

In my opinion the manuscript should be consider as a preliminary study. Without positive control with phytochemical analysis and increase in the sample size, it cannot be accepted for publication in the international journal.

**Editor's Details:**

Jose Eduardo Serrao

Department of General Biology, Federal University of Viçosa, Brazil