Reviewer’s report

Title: Inhibitory effect of ginsenoside Rg3 combined with gemcitabine on angiogenesis and growth of lung cancer in mice

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Reviewer: Wanju Kim

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This paper has shown that synergic inhibitory effect of ginsenoside Rg3 and gemcitabine in vivo on the mouse. Authors used such as color Doppler, measurement of tumor size, rate of necrosis tumor, immunohistochemistry with CD31 and VEGF and microvessel density.

Overall
Authors had show (Major)
1. Kaplan-Meier survival curve with longer and more samples for support synergic inhibitory effect on the louse lung cancer.
2. MVD data include more high power data such as > 14~30 vessels/field.
3. Authors strongly had show that immuno blot about cell cycle, apoptosis, necrosis, angiogenesis and signaling.
4. Need immunoassaying with TUNEL assay in tumor tissues and caspase assay data.
5. In vivo data such that invasion assay and MTT assay.
6. Authors must check the mark used figure lend and text.

Detail (Minor)
Fig 1B.
1. How many times repeat?

Fig. 2.
1. Authors had to shown paralleling gemcitabine and control group, and color data is better.
2. In the bar graph, group name is better instead of numbering.

Fig 3.
1. In the Bar graph, need type “E” on the graph. Also in figure legend, I can not see I, II, III.
Line graph is better for explaining clearly the data instead of bar graph.
Fig 5.
1. I can not see yellow brown color in data (Not color)
2. Author must show high powered data as insert form

Fig. 6
1. Author must show high powered data or need insert