Reviewer's report

Title: Standardized Herbal Extract PM014 Alleviates Fine Dust-Induced Lung inflammation in Mice

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Reviewer's report:

The study analyzes the effect of a standardized herbal extract, PM104, derived from traditional Korean medicine, in a mouse model of fine-dust induced lung inflammation. The authors show that this extract displays protective anti-inflammatory effects, and this is a potentially interesting finding.

The paper is relatively short at three figures, and would have benefited from a more thorough assessment of inflammation in the mouse model, for example through confirmation of the RT-PCR results with western blots looking at specific inflammation markers.

The mechanism by which the extract exerts its protective effects is also not really addressed by the experiments.

minor comments: some typos. The Results section is misspelled Result.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
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Yes

Are the conclusions drawn adequately supported by the data shown?
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Yes

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