Reviewer's report

Title: Characterization of a murine model of monocrotaline pyrrole-induced acute lung injury

Version: 4 Date: 7 November 2008

Reviewer: Pravin B Sehgal

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Review of Dumitrascu et al (revised)

The authors have taken care of most of my concerns. However in reading the revised MS there still remain minor issues as follows:

1. Sentence structure in several places is not correct. Some examples are:
   Pg. 4 first line in TLC paragraph. Should be “…as described elsewhere27.
   Briefly, MCT …“
   Pg. 5 second line from bottom: should be “The jugular vein was exposed through a surgical incision.”
   Pg. 10 second line from bottom: rephrase ..”We investigated further in detail …”
   Perhaps it should be “We further investigated in detail ..”

   Please have the MS re-read by someone who is a native English speaker.

2. Pgs. 11 and 12. The sequence in which Figs. 4, 5, 6 and 7 are discussed in the text is out of order. Please renumber the respective figures so that the text flows from Fig. 4, then 5, then 6, then 7 and so forth.

3. Fig. 2B has continuing problems. In the symbols in the inset key and in the graph do not match. There is no key for solid squares. Open squares are not shown in the graph. Also the line formats do not match. Please fix.

4. Please be somewhat open to the possibility that another investigator (other than ref. 46) using a different approach might be able to have MCTP lead to PAH in the mouse in a replicable manner. In any case the present data need to be out there.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, and I have assessed the statistics in my report.