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In this study authors have investigated how Quercetin acts as a protective role against PM_{2.5}-induced lung injury by activating Nrf2-Keap1 via suppressing ferroptosis in epithelial cells. Study design is good, but I have some issues about this article. Authors should go through the following comments.

1. They have used only 10 mice in this experiment for four groups. They should use a minimum of four animals in each group (Total 16 mice).
2. Authors should perform a time dependent assay (MTT assay) for determining the LD50 of PM_{2.5}.
3. Authors should mention the pre- or pos- or simultaneous- treatment Quercetin with PM_{2.5}.
4. Authors should include the bar diagram for PCNA expression (Figure 3A).