

JOURNAL EDITOR-IN-CHIEF'S REVIEW REPORT

Name of journal: World Journal of Virology

Manuscript NO: 33083

Title: Highly active antiretroviral therapy dysregulates proliferation and differentiation of human pre-adipocytes

Journal Editor-in-Chief (Associate Editor): Chun-Jung Chen

Country: Taiwan

Editorial Director: Yuan Qi

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ACADEMIC CONTENT EVALUATION	LANGUAGE QUALITY EVALUATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Major revision

JOURNAL EDITOR-IN-CHIEF (ASSOCIATE EDITOR) COMMENTS TO AUTHORS

Although the authors had made correction to improve the quality of manuscript. Both reviewers recommended other supporting data to strengthen the findings. Unfortunately, the photos of Oil Red O staining, cell comparison, and RT-PCR analysis of gene expression were not included in the revised version of manuscript. To improve the manuscript, these data are critical and essential. Particularly, data of Fig. 2B should be calculated based on Oil Red O staining.

REPLY TO EDITOR-IN-CHIEF COMMENTS

We apologize for the confusion caused by the way the data are displayed in Figure 2B. The statistical analysis of the data of oil red O was conducted with the absolute numbers for absorbance with a randomized block ANOVA. This analysis allows for the fact that control samples were not homogenous with respect to factors other than the treatment status. As can be seen below, a figure displaying the absolute numbers for oil red O indicates exactly the same pattern as when the data are displayed relative to control (Figure 2B); however, given that the statistical analysis took into account the variability in the control samples, we have chosen to display the data in Figure 2B as a percent of control, which also normalizes the heterogeneity in control samples. We hope that clarifies that

although the data in Figure 2 (and remaining Figures) is illustrated as a % of control, the statistical analysis was based on the measured data.

