Reviewer's report

Title: Over-expression of AhR (aryl hydrocarbon receptor) induces neural differentiation of Neuro2a cells: Neurotoxicology study

Version: 2 Date: 25 August 2006

Reviewer: Thomas Gasiewicz

Reviewer's report:

The authors have made a considerable effort to thoroughly address the reviewers' comments. In particular, additional data has been added to the manuscript further supporting the other data. I strongly recommend that the authors include an indication that apoptosis was examined and that the data from the different lines were or were not significantly different. Both reviewers requested that this be assessed. Note that in the comments to the reviewers the authors indicate that they "analyzed for the possibility of apoptosis" and that the "activities were not far differed..". A reference to these data should be made in the text, but the language should indicate the statistical significance of the data rather.

What next?: Accept after minor essential revisions

Level of interest: An article of importance in its field

Quality of written English: Acceptable