

**From:** Jessica Palmer  
**To:** [NIEHS NICEATM](#)  
**Cc:** [REDACTED]  
**Subject:** Response to NICEATM's Request for Data and Information on Technologies Used for Identifying Potential Developmental Toxicants  
**Date:** Monday, July 02, 2018 5:11:32 PM  
**Attachments:** [Developmental Toxicity of Chemicals Tested in devTOXqP May 2018.pdf](#)  
[2017 Palmer A human iPSC-based in vitro assay predicts dev toxicity through RAR-mediated pathway.pdf](#)  
[2018 Teratology VPA Poster\\_Final.pdf](#)

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Please see the attached files in response to NICEATM's "Request for Data and Information on Technologies Used for Identifying Potential Developmental Toxicants" (83 FR 20082). Stemina provided an overview of the assay and numerous posters in response to the request for data in June 2016. I have attached an updated reference spreadsheet comparing the assay to *in vivo* EFD results and other *in vitro* developmental toxicity models, as well as a recent publication on the effects of a series of retinoids tested in the assay and a poster describing the results from a series of VPA analogues that have been tested. Please let me know if you have any questions or require additional information.

Kind Regards,  
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