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- This work was done wholly or mainly while being a candidate for a terminal degree at the University of Tennessee Health Science Center.
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- Where I used the published or unpublished work of others, this is clearly attributed.
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- I have acknowledged all other main sources of help (e.g., lab assistance, joint work on projects, consultations/discussions with colleagues/experts, funding).
- Where the thesis/dissertation is based on work done jointly with others, I have made clear what I contributed (see next page).

Student Name: Kevin A. Hope

See digital reply with confirmation.

Advisor Name: Lawrence T. Reiter

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**Declaration of Personal Contributions to Previously Published Articles
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Please provide below the Chapter number of the incorporated article(s), the List of References citation, and your significant contributions as first or second author, or indicate Not Applicable. If part of your accepted submission to the journal was a statement of author contributions, you may quote that and at the end indicate [As submitted and accepted by *Journal title*.]

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Articles with several authors incorporated into my ET/D and my contributions to them:

- **Chapter 2**
- **Citation:** Hope, K.A., LeDoux, M.S., and Reiter, L.T. (2016). The *Drosophila melanogaster* homolog of UBE3A is not imprinted in neurons. *Epigenetics*. 11(9), 637-642. DOI: 10.1080/15592294.2016.1214783.
- **My significant contributions:** Conceptualization, methodology, formal analysis, investigation, writing – original draft, writing – review, editing, and visualization.

- **Chapter 4**
- **Citation:** Hope, K.A., LeDoux, M.S., and Reiter, L.T. (2017). Glial overexpression of Dube3a causes seizures and synaptic impairments in *Drosophila* concomitant with down regulation of the Na⁺/K⁺ pump ATP α . *Neurobiology of Disease*, 108, 238-248. DOI: 10.1016/j.nbd.2017.09.003.
- **My significant contributions:** Conceptualization, methodology, formal analysis, investigation, writing – original draft, writing – review, editing, and visualization.

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