



## ET/D Declaration of Authorship

In accordance with the University of Tennessee Health Science Center [Honor Code](#) and the requirements for integrity and honesty laid out in the College of Graduate Health Sciences' [Electronic Thesis & Dissertation \(ET/D\) Learning Portal](#), I, Kaitly Jensen Woodard, declare that this thesis/dissertation titled “Genomic Characterization of Sickle Cell Mouse Models for Therapeutic Genome Editing Applications” and the work presented therein are my own. I confirm that:

- This work was done wholly or mainly while being a candidate for a terminal degree at the University of Tennessee Health Science Center.
- There is clear and full disclosure in the thesis/dissertation for any part that was previously submitted for a degree or any other qualification at this University or any other institution or that has been accepted for publication.
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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:** Kaitly Jensen Woodard

See digital reply with confirmation.

**Advisor Name:** Mitchell J. Weiss

See digital reply with confirmation.


**Declaration of Personal Contributions to Previously Published Articles  
with Several Authors Incorporated into the ET/D  
(This also includes in press and accepted articles.)**

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*.]

If this declaration is not applicable, please indicate here:


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

- **Chapter 4**
- **Citation:** Newby, G. A.\*, Yen, J. S.\*, Woodard, K. J.\*, Mayuranathan, T.\* et al. Base editing of haematopoietic stem cells rescues sickle cell disease in mice. *Nature* (2021) <https://doi.org/10.1038/s41586-021-03609-w>. (\*authors contributed equally)
- **My significant contributions:** Conceptualization, methodology, investigation, data curation, and writing (original, and review/editing).

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Confirmation-6-26-21  Inbox x




**Hancock, Shirley**

 Jun 25, 2021, 1:18 PM (21 hours ago) 

Greetings, Kaitly and Dr. Weiss -- After reviewing the attached ETD DOA, please Reply All and type "Accuracy of the Kaitly ..."

**Weiss, Mitch**

Jun 25, 2021, 2:07 PM (20 hours ago)   

to Shirley, Kaitly, Larry ▾

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\_\_\_\_\_ Mitchell J. Weiss, MD, PhD Chairman, Department of Hematology Arthur Nienhuis En...

**Woodard, Kaitly**

Fri, Jun 25, 8:49 PM (13 hours ago)   

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-Kaitly