



## ET/D Declaration of Authorship


Rebekah Reed Honce

October 2020

### Declaration for Entire ET/D

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 (named above), declare that this thesis/dissertation titled "Attenuation of Interferon Responses in the Obese Host and Ramifications for Influenza Virus Evolution" 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.
- Where I used the published or unpublished work of others, this is clearly attributed.
- Where I have quoted or paraphrased text or have reprinted or modified images, tables, or other data from the work of others, the source is always given, and quotation marks are used for text, following fair use guidelines. Except for such acknowledged instances, this thesis/dissertation is entirely my own work.
- 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).

Re: Honce ET/D Declaration of Authorship for Advisor Confirmation 

**Schultz-Cherry, Stacey**  
to Shirley, Rebekah, Larry ▾  
Confirmed

Please forgive typos

Stacey Schultz-Cherry, PhD  
Department of Infectious Diseases  
St Jude Children's Research Hospital

5:45 PM (4 minutes ago)

Stacey Schultz-Cherry

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Advisor Name

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Digital reply with confirmation

## Declaration for Previously Published Articles with Several Authors Incorporated into the ET/D. (Includes in press and accepted articles.)

If this declaration is not applicable, please indicate here:

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

**Chapters:** 1, 2, 3, 8

**Citation:** Honce, R., N. Wohlgemuth, et al. (Dec. 2019). "Influenza in High-Risk Hosts-Lessons Learned from Animal Models". In: Cold Spring Harb Perspect Med. ISSN: 2157-1422 (Electronic) 2157-1422 (Linking). DOI: [10.1101/cshperspect.a038604](https://doi.org/10.1101/cshperspect.a038604).

**My significant contributions:** Conceptualization, Methodology, Investigation, Data Curation, Visualization, Writing- Original Draft, Writing- Review and Editing.

**Chapters:** 2, 3, 8

**Citation:** "Impact of Obesity on Influenza A Virus Pathogenesis, Immune Response, and Evolution". (May 2019a). eng. In: Front Immunol 10, p. 1071. ISSN: 1664-3224 (Electronic) 1664-3224 (Linking). DOI: [10.3389/fimmu.2019.01071](https://doi.org/10.3389/fimmu.2019.01071).

**My significant contributions:** Conceptualization, Methodology, Investigation, Visualization, Writing- Original Draft, Writing- Review and Editing.

**Chapters:** 2, 3

**Citation:** Honce, R. and S. Schultz-Cherry. (May 2019b). "Influenza in obese travellers: increased risk and complications, decreased vaccine effectiveness". In: J Travel Med 26.3. ISSN: 1708-8305 (Electronic) 1195-1982 (Linking). DOI: [10.1093/jtm/taz020](https://doi.org/10.1093/jtm/taz020).

**My significant contributions:** Conceptualization, Methodology, Investigation, Visualization, Writing- Original Draft, Writing- Review and Editing.

**Chapter:** 2

**Citation:** Honce, R. and S. Schultz-Cherry. (Aug. 2020). "A tale of two pandemics: obesity and COVID-19". In: J Travel Med 27.5. ISSN: 1708-8305 (Electronic) 1195-1982 (Linking). DOI: [10.1093/jtm/taaa097](https://doi.org/10.1093/jtm/taaa097).

**My significant contributions:** Conceptualization, Methodology, Investigation, Visualization, Writing- Original Draft, Writing- Review and Editing.

**Chapters:** 3, 8

**Citation:** Honce, R. and S. Schultz-Cherry (2020). "They are what you eat: Shaping of viral populations through nutrition and consequences for virulence". eng. In: PLoS Path 16.8. DOI: [10.1371/journal.ppat.1008711](https://doi.org/10.1371/journal.ppat.1008711).

**My significant contributions:** Conceptualization, Methodology, Investigation, Visualization, Writing- Original Draft, Writing- Review and Editing.

**Chapters:** 2, 4, 5, 8, Appendix C

**Citation:** Honce, R., E. A. Karlsson, et al. (Mar. 2020). "Obesity-Related Microenvironment Promotes Emergence of Virulent Influenza Virus Strains". In: Mbio 11.2. ISSN: 2150-7511 (Electronic). DOI: [10.1128/mBio.03341-19](https://doi.org/10.1128/mBio.03341-19).

**My significant contributions:** Conceptualization, Methodology, Validation, Formal Analysis, Investigation, Resources, Writing- Original Draft, Writing- Review and Editing, Visualization.

**Chapter:** 8

**Citation:** Honce, R. and S. Schultz-Cherry. (Oct. 2020). "Recipe for zoonosis: how influenza leaps into human circulation." eng. In: Cell Host Microbe 28.4, pp. 506–508. ISSN: 1934-6069. DOI: [10.1016/j.chom.2020.09.008](https://doi.org/10.1016/j.chom.2020.09.008).

**My significant contributions:** My significant contributions: Conceptualization, Writing- Original Draft, Writing- Review and Editing, Visualization.