



THE UNIVERSITY OF TENNESSEE  
HEALTH SCIENCE CENTER.

COLLEGE OF GRADUATE HEALTH SCIENCES



## ET/D Declaration of Authorship

Advait Bhaskar Shetty

May 2022

### 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 Advait Bhaskar Shetty, declare that this dissertation titled "Host-Pathogen Interactions During Leptospirosis in Male C3H/HeJ Mice" 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 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- Where I used the published or unpublished work of others, this is clearly attributed.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 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 dissertation is based on work done jointly with others, I have made clear what was done by others and what I contributed.

Maria Gomes-Solecki, DVM  
Advisor

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Digital reply with confirmation.

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

If this declaration is not applicable, please indicate NA here:

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

### Chapter 2

**Citation:** Shetty A\*, Kundu S\*, Gomes-Solecki M, Inflammatory signatures of Pathogenic and Non-Pathogenic *Leptospira* Infection in Susceptible C3H/HeJ Mice. Front. Cell. Infect. Microbiol. 2021; 11:677999, doi: [10.3389/fcimb.2021.677999](https://doi.org/10.3389/fcimb.2021.677999).

**My significant contributions:** Methodology, Validation, Formal Analysis, Investigation, Data Curation, Writing - Original Draft as well as Review & Editing, and Visualization.

### Chapter 4

**Citation:** Shetty A, Kundu S, Vernel-Pauillac F, Ratet G, Werts C, Gomes-Solecki M, Transient presence of Live *Leptospira interrogans* in murine testes. Microbiol Spectr 2022, e0277521, doi: [10.1128/spectrum.02775-21](https://doi.org/10.1128/spectrum.02775-21)

**My significant contributions:** Conceptualization, Methodology, Validation, Formal Analysis, Investigation, Data Curation, Writing - Original Draft as well as Review & Editing, and Visualization.

**Gomes-Solecki, Maria**

to me, Advait, Larry ▾

Confirmed.

Maria Gomes-Solecki

3:35 PM (17 minutes ago)