



## ETD Declaration of Authorship

Keyur Raman Parmar

March 2023

### Declaration for Entire ETD

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 “Physiologically-Based Pharmacokinetic (PBPK) Modeling for the Preclinical Development of Spectinamide Antibiotics” 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- Where I used the published or unpublished work of others, this is clearly attributed.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 dissertation is based on work done jointly with others, I have made clear what was done by others and what I contributed.

Bernd Meibohm, Ph.D.  
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 here:

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

- **Chapter: 2-8:** To-be-submitted article.
- **Citation:** Keyur Parmar, Pradeep B. Lukka, Santosh Wagh, Zaid Temrikar, Richard E. Lee, Miriam Braunstein, Anthony J. Hickey, Gregory T. Robertson, Mercedes Gonzalez-Juarrero, Andrea Edginton and Bernd Meibohm. Development of a Minimalistic Physiologically-Based Pharmacokinetic (mPBPK) Model for the Preclinical Development of Spectinamide Antibiotics.
- **My significant contributions:** Conceptualization, Methodology, Formal Analysis, Software, Validation, Investigation, Data Curation, Writing – Original Draft and Visualization.

Meibohm, Bernd  
to me, Keyur, Larry  
Confirmed

Mar 10, 2023, 4:53PM