*One Health*

October 5th, 2023

**Response to Reviewers: Modelling the effects of antibiotic usage in livestock on human salmonellosis**

Dear Professor Malcolm Jones,

Thank you for giving us the opportunity to submit a revised draft of the manuscript “*Modelling the effects of antibiotic usage in livestock on human salmonellosis*” for publication in *One Health*. We appreciate the time by both you and the reviewers to provide feedback on our manuscript.

We are also grateful for the constructive feedback and improvements suggested. We have now incorporated these and provided clarification to the reviewer’s comments in our revised manuscript and in the Response to Reviewers document.

Please find attached in the Response to Reviewers a point-by-point response to the reviewer’s comments. Original reviewer comments can be found in red, our response in black, and sections from the revised manuscript relevant to the comment, highlighted in blue.

We also note that due to the additional clarification and paragraphs, the word count is approximately 10% larger than the original submission. We hope that this is acceptable for publication.

Thank you for your consideration of this manuscript.

Best Regards,

Alex Morgan, PhD

Postdoctoral Researcher

Prof Mark Woolhouse, PhD FRSE FMedSci OBE

Professor of Infectious Disease Epidemiology

Prof. Jaap A. Wagenaar, DVM PhD

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