The “Translational Medicine Ontology and Knowledge Base” paper by Luciano et al. provides a very intriguing and forward-thinking research objective. The concepts and models presented in the paper clearly delineate the initial steps towards bringing wet-lab research and clinical practice closer together.

The specific markup and style of the paper is at times beneficial and detracting. To begin, the left-aligned text and lack of initial paragraph indentation makes the paper seem like one huge run-on statement. Additionally, it was difficult at times to follow the various sections of the paper, and very challenging to deduce sub-sections from their parent headers. Additionally, figures and tables may have been more informative if they were included in the text of the document, rather than at the end.

Despite these relatively simple visual detractors, the content of the paper is well thought out and provides appropriate detail for a journal article. The various example snippets provided allow the reader to follow along in both conceptual and applicable models. Additionally, the inclusion of the “big picture” questions proposed, and the steps taken to answer them through the use of the TMOKB very clearly delineate a possible use case for this system.

Overall, a novel approach towards linking two disparate but critical aspects of healthcare is presented and clearly delineated through both examples and concepts. Further clarity can be achieved with minor visual placement corrections.