

## **Sheppard Follow-up Comments**

### **October 22, 2019**

Please note that because of the short time allotted during the teleconference, I did not address the paragraph on hazards and exposure in controlled human exposure studies in response to Dr. Lange's preliminary comments that are contained in my oral statement. I would appreciate if you could bring this part of my oral comments to her attention.

Provided below is a reference to the 2008 IOM report that I mentioned on the teleconference. Chapter 8 is particularly relevant and talks about synthesizing evidence for causation. This is to follow up on Tony Cox's request for examples of well-vetted causal frameworks. I note that the IOM chapter refers to multiple other regulatory and review bodies that use a similar weight of evidence causal framework as is used by EPA.

Institute of Medicine 2008. Improving the Presumptive Disability Decision-Making Process for Veterans, Chapter 8. Washington, DC: The National Academies Press. <https://doi.org/10.17226/11908>