

Review of the revised manuscript entitled “Light-induced protein nitration and degradation with HONO emission” by Hannah Meusel et al.

I appreciate the author’s careful consideration of my comments and the clarifications and changes to the manuscript. This has resulted in a much improved manuscript, in terms of content and readability. I recommend publication in ACP as is, but just note that the last comment of my original review actually concerned the following reaction, $\text{NO}_2 + \text{H}_2\text{O} + \text{surface} \rightarrow \text{HONO} + \text{HNO}_3$. The large mass accommodation coefficient and water solubility of HNO_3 imply it “sticks” to the flow tube walls and other surfaces, where the “adsorbed” HNO_3 could undergo photolysis and form HONO. Regardless, the wavelength range at which HNO_3 photolysis occurs is near the lower limit of the lamps used in this study and the photolysis rates of adsorbed HNO_3 reported in *Lauffs and Kauffmann* [2016] are relatively low.