Sam Furness

CHEME5440

Discussion#1:

1. After the cells were lysed, an extensive amount of centrifuging and experiments were performed on the cell-free state. Is there any concern with stability and/or functionality of the components after multiple days of handling? Was anything done to account for this or make sure there was no function/structure loss in the components?
2. It seems that there are no details on trial numbers. How was statistical significance obtained or reported in the results (e.g. the difference in protein production with or without polyuridylic acid in Table 6)?
3. Why does increasing soluble RNA cause the protein production to increase at all (assuming this is significant data)?