

Memo to File

Howard Schachman (Berkeley)

Called him 10/21/60. He does not know of any experimental work on light scattering by bacterial suspensions and the existing instruments are not too satisfactory since they do not get closer to the principal beam at about 20° . In fact, there are not even suitable cells easily available. These, of course, should be *hemi* cylindrical. He knows of no work on the ultraviolet but is not certain how informative this would be insofar as in the case of DNA you would have a higher resolution based on the lower wave length. He agreed that there are some interesting measurements to be made here but the existing instruments are not adequate.

Katz had built the light scattering photometer that they use in his own laboratory and this is a useful, though cumbersome instrument. However, he was not able to revise his rather negative judgement about Katz for our program. He will be coming down to Stanford next week.

SC Schachman, H.