

UNIVERSITY OF ILLINOIS  
DEPARTMENT OF BACTERIOLOGY  
362 NOYES LABORATORY OF CHEMISTRY  
URBANA

November 5, 1951

Dr. J. L. Lederberg  
Department of Genetics  
University of Wisconsin  
Madison 6, Wisconsin

Dear Josh:

Since Roger has come I have been continuously impressed with the high rate of respiration in some of his pseudomonad strains. For this reason I think we had best prepare a mutant for our Pyruvate Oxidation Factor as an aid in the study of our keto acid systems. Roger says that you have prepared some mutants of his A 3.12 strain and would be likely to have one which we could use in working out the conditions for the use of your penicillin technique. If you have such a mutant, would you send us a transfer and give us some notion of the penicillin concentration you used with this organism and the UV killing curve. We can get the latter quickly with Lu's UV lamp but would appreciate the others if you have them handy.

Thanks for your help.

With best regards.

Sincerely yours,



I. C. Gunsalus

ICG/pkc