FEDERAL SECURITY AGENCY
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(REPLYING, ADDRESS THE

Tuberculosis Research Laboratory,
411 East 69th St., New York 21, N. Y.

July 3, 1951.

Dr. Joshua Lederberg,
Department of Genetics,
The University of Wisconsin,
College of Agriculture,
Madison 6, Wisconsin.

Dear Josh:

Bernie and I thank you very much for sending us your manuscript so promptly. I am looking forward with great relish to reading it. (I am keeping it on until I hear from you)

You may be wondering about the delay in sending the pantothenate auxotrophs. I thought it would be a good idea to retest them for their nutritional requirements and for their "sterile" properties before shipping them off, since I had not worked with them for several months. In most of them the requirements are still there. I have had some difficulties in the crossing experiments in the presence of an excess of pantothenate since these strains have only one other additional marker; a few colonies have appeared on the crossing plates (and in some cases on the control plates as well), and these have lost their marker requirements. Therefore, in order to distinguish between recombinants and reversions I am putting an additional marker on these strains. Furthermore, I am looking for pant mutants in your meth$^-$ and T$^-$L$^-$ stocks. I shall probably be able to send off the strains in about two weeks.

I would like very much to spend a little time in your laboratory in August, and hope you will be able to arrange it. If possible, I would like to come either at the beginning of August, about the 6th - or at the end of August, about the 25th. Bernie is also quite enthusiastic about the idea.

Best regards also to Esther and Norton.

Sincerely,

Werner.

WKM/hl

Werner K. Maas

P.S. - I think we have some fairly good evidence now for the production of a temperature-sensitive enzyme by a temperature-sensitive mutant. In a mixture of mutant and wild type extracts the mutant enzyme is inactivated in the same way as by itself, whereas the wild type enzyme is not affected. To my mind, the independent behavior of the two enzymes in the mixture makes other interpretations pretty unlikely.