BURTON A. WAISBREN, M. D.
SUITE 331 BANKERS BUILDING
208 EAST WISCONSIN AVENUE
MILWAUKEE 2, WISCONSIN

'RACTICE LIMITED TO
.NTERNAL MEDICINE

March 29, 1952

Joshua Lederberg
Associate Professor of Genetics
University of Wisconsin
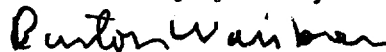College of Agriculture
madison, Wisconsin

Dear Dr. Lederberg:

I want to thank you for your kindness on
March 15th in showing me your equipment and exchang-
ing ideas.

I am enclosing the sensitivity to 8 antibiotics
of the three strains you gave me. The fact that the
W1177 is streptomycin resistant is of real importance
and might indicate a mode of action of streptomycin
in preventing the absorption of what ever amino acid
W1177 is deficient in. If you would be willing to
send me your whole series of amino acid deficient
strains with the information as to what amino acids
they are unable to synthesize I feel it would be
worthwhile to do the sensitivity tests on them.

We will keep you informed in regard to our
reconstitution experiments and hope in the future to
have the privilege of seeing you often. Thank Miss
Lively again for her patient help. You cooled me a
bit on my single cell enthusiasm but I still hope to
get the technique down well enough to start each
experiment with single cells.

Sincerely yours,

Burton A. Waisbren, M.D.

BAW:jem
Enclosure (1)

INFECTIOUS DISEASE CONTROL UNIT

MILWAUKEE COUNTY GENERAL HOSPITAL

NAME _____ K12 _____ HOSPITAL # _____ WARD _____

The strain of _____ isolated from the _____
(species)   (source)

of the above patient on _____ was inhibited by the concentra-
(date)

tions of antibiotics indicated below as determined by the tube dilution method.

Inhib. conc. in μg/ml.	AUREOMYCIN	CHLOROMYCETIN	TERRAMYCIN	STREPTOMYCIN	PENICILLIN	NEOMYCIN	Q-19	BACITRACIN	POLYMYXIN-B			
.38									0 X			
.38								0'X	/			
.75			/	/			0'X					
1.5	/	0'X /	0 X	/		/0X						
3	0 X	0'X /		X								
6												
12				0								
25				/ X								
50												
100												
>100				0								

Remarks:

K12 = X
W1177 = O
W5816 = /