



DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE  
~~FEDERAL SECURITY AGENCY~~  
PUBLIC HEALTH SERVICE

IN REPLYING, ADDRESS THE

May 2, 1955

Communicable Disease Center,  
Enteric Bacteriology Laboratories,  
P. O. Box 185  
Chamblee, Georgia

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

*Sorry you will not be in NYC  
I finally decided to go although  
there are a lot of reasons why  
I should not. Best to you  
and Esther P.*

Dear Dr. Lederberg:

Thank you very much for your letter of April 19 which has not been acknowledged sooner because Hormaeche was here and we were very busy trying to formulate a Subcommittee report.

Thank you very much for the reprint on the tryptaflavine agglutination. We shall try this once more. Probably we will be able to repeat your results.

Bill is sending the O55 and O111 cultures which you wanted. Three of the O55 cultures came from Milwaukee, as did the culture you previously had. However, all of these Milwaukee cultures are from sporadic cases. He is sending cultures of O55 from other communities, as well as cultures of O111.

It is very kind of you to suggest that I be co-author on the publication on the *S. paratyphi* B N25 - N97 strains. I shall be happy to do this if you feel I can make a sufficient contribution to the work to justify the inclusion of my name on the paper. If I cannot then I believe you should publish it alone. It was only recently that I realized that the *S. paratyphi* B strains were concerned in the "diphasic" cultures which contained two phase 1 antigens. There is something very peculiar about these cultures and I am wondering whether it also applies to other cultures of *S. paratyphi* B var. java.

The results you obtained with *S. typhi* murium - x *S. abony* look quite consistent. In our experience phase 1 has been transduced more easily than phase 2 and sometimes when phase 2 was used the experiments resulted in failure.

I am enclosing a reprint of the paper on the phage types of *S. paratyphi* B.

With kind regards, I am

For the Officer-in-Charge, Bacteriology Section

Sincerely yours,

*Phil*

Philip R. Edwards, Ph. D.  
Bacteriologist-in-Charge  
Enteric Bacteriology Unit

Encls.