



DEPARTMENT OF THE ARMY  
 WALTER REED ARMY INSTITUTE OF RESEARCH  
 WALTER REED ARMY MEDICAL CENTER  
 WASHINGTON, D.C. 20012

JUN 29 1973

REPLY TO  
 ATTENTION OF:

June 25, 1973

Dr. J. Lederberg  
 Dept. of Genetics  
 Stanford Univ. Sch. of Med.  
 Palo Alto, Calif. 94305

Dear Josh:

I saw Gan at the ASM meeting and mentioned that I was intrigued enough by your comments on the Proteus OX strains to examine them for satellite bands or circles. We were unable to find anything even after fractionation of material on the light side. The other obvious possibility of phage involvement is a bit of a blind alley; although the strains are inducible we haven't seen any plaques on any of the plating strains we used. I don't know of any way to establish transformation as a possibility; homology studies are unlikely to be of much significance.

I realize that negative results aren't very stimulating, but I would be very interested in any comments you might have or any suggestions.

With best regards,

Yours,

L. S. BARON  
 Dept. of Bacterial Immunology

JUL 22 1974

Dear Lou -

I'm sorry this fell out of sight. Would you have been able to see a rickettsia-like pattern if superimposed genome/genome as the Proteus band? I don't have other useful ideas at the moment. Eventually try transfectant with rickettsial DNA into Proteus, or Proteus DNA + rickettsial infection in cells, for marker rescue.

H.S. G. Weis' letter

X