

THE SOUTH SHORE ANALYTICAL AND RESEARCH LABORATORY, INC.

NEW YORK STATE DEPARTMENT OF HEALTH APPROVED

148 ISLIP AVE.

ISLIP, NEW YORK

TEL. ISLIP 5446

MORRIS L. RAKIETEN B.S., PH.D., M. D.
DIRECTOR

TONY L. RAKIETEN, M. D.
BERNARD NEWMAN, CH., E. M. S.
ELIZABETH H. BARBER, B. S.
ANDREW HORONICK, B. S.

JOHN J. REZZA

January 5, 1952

Dr. J. Lederberg
Dept. of Genetics
College of Agriculture
University of Wisconsin
Madison 6, Wisconsin

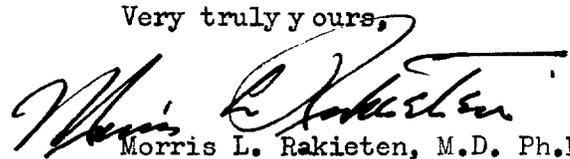
Dear Dr. Lederberg:

I was very much interested in your recent letter particularly since some twelve or thirteen years ago I tried to induce "Type Transformation" in many strains of *Salmonella* by the use of bacteriophages. However, after inducing morphological changes by this means Dr. Edwards, who did the antigenic analyses, stated that no changes in the somatic antigens had occurred.

The phages that I used in producing aflagellated strains of salmonella poona as well as *E. typhi* were isolated from the waters of the East River in New York City. During the time that I was in the army, many of my phages were not taken care of and consequently I lost the Ent/5 phage that caused this change in the above mentioned organisms.

As I recall with the exception of the above mentioned organisms I did not have any luck in inducing aflagellated strains from other varieties of salmonella. The work that you are doing is certainly most interesting and exciting and I am following it as best I can. I wish I could turn over to you the Ent/5 phage and I would gladly if I had it. However, your student may be able to isolate one like it from materials in Wisconsin. I would suggest that he use *S. poona* as a starter. My very good wishes to you.

Very truly yours,


Morris L. Rakieten, M.D. Ph.D.

MLR:jam