

Department of Genetics
University of Wisconsin
Madison 6 Wis.

September 17, 1952

Dear Dr. Hirsch:

Dr. B. A. D. Stocker (of the London School of Hygiene) and I have recently been collaborating in a study of non-motile variants in Salmonella, and have thus been directed to your 1947 paper on this subject which appeared in the Journal of Hygiene.

I am writing to ask whether the very interesting cultures of *S. paratyphi* B described in this paper have been preserved, and whether you would be kind enough to make them available to us for further genetic study. If possible, we would appreciate having the presumably original H form, as well as the paralyzed mutant. In addition we are looking for reasonably stable O variants, of this same or any other origin.

We have been working on non-flagellated and paralyzed mutants of *S. typhimurium* for the most part (the latter provided by E. Leifson of the Chicago). There is very little doubt that your suggestion is correct that the paralyzed mutants represent a genetic change quite distinct from the O variants. The experimental details are too complex to summarize briefly here, but will be forwarded to you as a reprint in due course.

If I may make a further request, may I have a reprint of the above mentioned paper?

Yours sincerely,

Joshua Lederberg
Associate Professor of Genetics

Dr. WILLY HIRSCH
BACTERIOLOGY LABORATORY
JEWISH WORKERS SICK FUND (KUPAT HOLIM)
HAIFA, ISRAEL