

INDIANA UNIVERSITY
BLOOMINGTON, INDIANA

November 11, 1952

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

Dear Joshua:

Freeman was here and talked much in general, but little about our book.

Your formula for progress sounds good, but I'm not sure I can adhere rigidly to avoiding reviews and general papers altogether. For example, I agreed a few years ago to write a review on our antigen work for *Experimental Cell Research*. This will force me to get some of our results together and that is to the good. Nearly two years ago, Kalmus gave Heinemann in London a manuscript of mine on Cytoplasmic Inheritance, which they want to publish as a little book. I have refused to permit this without revising it and I haven't made the revision. I have been asked to present a "critical review" at the Genetics Congress and feel this can hardly be turned down; but I have no definite idea yet as to subject. Could you suggest one that might be useful as preparatory material for our book? Naturally, I'd like to take this opportunity either to set forth parts of our own work or to tackle some more general theme in GOM or cellular genetics. All these efforts will have some value in relation to our book, though they may set back the timing. Do you really think I should turn any or all of these things down?

Without fully understanding the details of what you write about *Salmonella*, I grasp just enough to be very intrigued by the way things are going and look forward to hearing more in time. *HSJ brought back a fuller account and I fully share his enthusiasm.*

Inoki did not offend me at all. On the contrary, I may have offended him. He asked me to support his application to Harvard and I wrote that I felt limited in what I could say because the questions and comments I raised about his first communication to me had never been answered. He said he answered about the time I went to South America and the letter seems to have been lost. That set things straight.


As to his system of results, I think the regular return to type O may be misunderstood and that he is placing undue stress on this. The type one starts with is likely to be the one best adapted to, or most likely to arise under, the conditions employed. Reversion may mean only that. We find similar things. For example, at 31° in stock 51, we have type A. It can be transformed to other types, but if the latter are again exposed to transforming conditions at 31° , they regularly go

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to A. If the experiments are done at 14° , however, type H takes the place of A and changes from H revert to H at the next transformation. I have intended to write this to Inoki, but haven't done so yet. Meanwhile, I'm trying to make it possible for him to get to this country.

Best regards to you and Esther and the Skaars,

Cordially,

A handwritten signature in cursive script that reads "Tracy".

T. M. Sonneborn

TMS:jb