

August 3, 1951.

Dr. Orville Wyss,  
Department of Bacteriology,  
University of Texas,  
Austin 12, Texas.

Dear Dr. Wyss:

In reply to your letter of August 1, I am sorry to have to tell you that noone here has been working on quantitative streptomycin resistance, although I am still interested in the dominance interactions of various qualitatively distinguishable alleles at the S locus. Demerec and I have both thought to have found other loci for resistance, but found instead that the parental cultures contained a few S<sup>S</sup> reversions, possibly accumulated by virtue of some dependence on streptomycin on the part of the original S<sup>r</sup>.

There are, however, several other workers whose activities might relieve you of your burden in connection with this problem. L. Cavalli (now at the serotherapeutic institute at Milan) has been especially interested in the inheritance of drug resistance as a polygenically controlled character, but has worked, so far as I know, mainly with chloromycetin. Demerec, Newcombe, and Ruben, as you probably know, may very well be continuing in this direction also.

Having been already exhausted this summer once by the Cold Spring Harbor symposium, I have not planned to attend the Brookhaven Conference. Ruben and Demerec will probably both be there, however.

Yours sincerely,

Joshua Lederberg.