

INSTITUTE OF ANIMAL GENETICS,

West Mains Road,

Edinburgh, 9,

26th October, 1953.

Dr. J. Lederberg,
Department of Genetics,
University of Wisconsin,
Madison, 6,
Wisconsin,
U.S.A.

My Dear Lederberg,

Very many thanks for your letter of October 10th, and for the pre-print of your paper on serotypic recombination which arrived today together with your other reprints. (May I keep the pre-print, or do you want it back?). I am of course extremely interested in all this work, as it will to some extent be complementary to our Paramecium studies, and, of course enable one to investigate certain aspects of the antigenic situation (e.g. mutation) which cannot be studied at all in Paramecium.

Regarding your evidence that transducing phage engenders principally those serotypes which are in the same phase as in the donor bacteria, have you considered the possibility that the transducing phage carries over, in addition to chromosome fragments, also a portion of surrounding cytoplasm, which would determine to expression of the genes ~~in the genes~~ in the material carried over? Probably you would consider this rather a quibble.

With best wishes,

Sincerely,

J. Beale