THE UNIVERSITY OF CHICAGO
CHICAGO 37 · ILLINOIS
INSTITUTE OF RADIOBIOLOGY AND BIOPHYSICS

Mar 12.

Dear Lederberg,

As Bob Sachs may have told you, my wife and I are planning to visit Madison the week-end of March 20. We would very much like to see you when we are there.

And naturally I will want to borrow a slant of your "K" strain if agreeable with you. Mostly we want to use it in the following type experiment. Hershey has been crossing virus combinations of the type T2r* x T4r and isolating single bursts to see what the ratio of T2r is to T4r+. Actually he's employing his many "r" types as markers.

We tried it last summer with the pair above and got all kinds of peculiar progeny. And in the face of the difficulties of working with the r type, we'd like to try crossing h mutants. We could use pairs like T2hh* x T2, but I fear for the health of a twice mutated virus, even if we are successful in preparing it.

The thought is that if we use h mutants for the B strain, and the possibly distinct h mutants for the K strain we may be better off.

We are going to write to Monod hoping to employ his strain for the same type of experiment.

We are now in the gadget building stage and so have little to report.

Fermi is going to be here this week-end to give a lecture. Szilard has arranged one of his bull sessions, having invited Sewall Wright and a few others.

I have married since I saw you and I'm hoping to take my wife with me to Pacific Grove this summer.

No doubt the Sach's will arrange time and place for us to meet this week-end.

Best regards

Karen