Dear Bruce:

Your letter of the 14th just received and duly deciphered. You must not have reseived my previous letter when you wrote this— I am not surprised: through some lapsus menti, I addressed at to the London PG Med School! If you haven't got it by now, you should probably some send over for it.

When I last wrote, I was dust about to set up the progeny tests for the "linked transductions" to SW-543. For a while, I thought that only i phases were appearing, but this misapprehension was due to a discrepancy between the effectiveness of a serum in immobilizing in agar, and in agglutination. I still don't know the reason for this, but applaud the prospect of a complete serplogical analysis of the transinduced phases. I have also the observation, from SW-543 x FA (abony) of b phases which gave swarms in b agar. These reacted still, albeit weakly, only with b. These "attenuated b's" are still perfectly motile. I'll send you some of these, with notes. Transductions of other phases to SW-543, accompanied by b's in each case, have been verified. They include % gm (enteritidis), gp (dublin) and r (heidelberg). I expect to do the progeny tests on the latter to help sew up this part of the story. Ex b's are definitely coming out of SW-543 + FA(SW-623). I have some runs now on the second generation i's from this same combination, and think we can stop here. I see must no way out of linked transduction, perhaps of components of a gene characterized by pseudo-alleles. It looks much the same as "autogenic" transformation in pneumococcus. There is no sign of linkage with another marker put into SW-543 (SW-666 = 543 Gal-, used in most of these). Norton is willing to admit that the spontaneous i was a fluke; the experiment involved heated FA as a control, and it presumbly was not completely inactivated.

Sounds like you have some very nice new material, but let's call a halt and write up the summer's work before you've chased down too many other quarries. The Lac+ sharacter sounds promising, if you can get FA out of it.

Spicer has been here about a week, and trying to make sense out of his S. thompson's and their phages. So far, they haven't been built up to a sufficient titre for any interesting purposes.

My immediate ambitions

Instead of running all over the set and the wef diwide accordence with a going inally about the promises in the seders of the diwide accordence with a phage carried by LT-10 and another the seders of the by the use of heat fairly apparent that we have missed any B phages so far by the use of heat to sterilize the lysates. If S. bovis morbificans is really so generally to sterilize the lysates. If S. bovis morbificans is really so generally susceptible to the A phages, we may have to revise our conclusions about the XII2 as receptor. It has not yet been tested for absorption of FA.

Esther asks please not to bother about English skewers— not for this winter, anyhow. I append a pedigree diagram on what has been done so far on SW-543 genetics