Dear Family:

Since our secretary is away on vacation and the other is swamped with preparations for tomorrow's meeting with the trustees of the Foundation, I'll have to write this by hand - which of course means it will be short as well as semi-legible.

Sorry about the rush on your trip west and hope that you can fit in some arrangements for the stop on your return. I have managed to keep a lab recent for the future so that there will be space during the next summer for a longer visit. For now see if you can fit in something for November.

Your letter of April 29 is still on the top of my desk with a short attached listing various things that I was going to write about (many of these are out of date). I will keep and add to let you know what I have done very little until lately with lambda transduction. I am now beginning to pull this up again and will see what can be salvaged. I have received MSS from Campbell (poorly written but say) and D. Weigle (not much data) and will see what things good material I have. Thus far I have been reluctant to publish material on hand because of desperate fortune with its complexities (also fatigue with lambda + E. coli). These things haven't stopped others so...
must get back into business here.

Re. Other matters - (1) I have replaced EAB with a medium of my own - a modified MacConkey's on which C. can grow and some Staph and Bacilli as well.

(2) An EAB type of this is pretty good especially if Sigma 7-9 organic buffer is substituted for a great part of the salts.

(3) In Mye smegmatis

\[ \text{Host}^+5^\mathrm{sr} \times \text{Host}^05^\mathrm{sr} \text{ didn't yield much } \]

anything. Additives of two other matters (Chevraup, IND) beclouded the whole thing and it must be redone.

(4) In Staph aureus

Erythromycin (Staph Maa + Lee - C. E5^0 Maa - Lee+)

or ESM Lee Maa again (select E5^0 Maa - Lee-) didn't

obtain anything so far, nor a 5^0 Chevraup selection

similar to the above. I will get some staph phage any minute and see what can be thrown.

(5) Have not done with markers in Bacilli strains yet to try the above but should shortly.

Have you ever looked a growth of B. circulans? The most entertaining bug I've seen and it must

bear some usefulness.

(6) In tissue culture with (with Uchida)

I hope to make my direct assault next week on making a haploid line. This will be direct, put a haploid

nucleus in an unmoderate hybrid cell and see if it will
and off a haploid line. Ought to be worth a hundred
typs and I have enough crude equipment to try it.

(7) I may do some UV work with
my bacilli for survival of the gene on HFR lambda
and it is similar to work they have going on DNA
transformation. Suddenly they have looked for other systems
of transformation by observing p32 DNA uptake. They would
use it (I suppose) 10% of the frequency of Tn10. One of
my bacilli strains had high uptake but a genetic test (54)
paired to show any transformation, you might like to
talk with them about their work.

Harriet and Mary are about the same 7-1's
for the child last week which was upsetting. Mary
has been lesions on horse back riding swimming and
 pnevmic this summer. My mother is visiting this summer also.

Re: the N.Y. Acad. Sci paper I got the
proofs about 3 weeks ago and corrected most of the
errors the editor had put in. I will forward some of
the proofs when they come in - you can tell me how
many you want (I got 300 since the last haven't
paid too well)

That's all for now

Like them nine

Larry