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8. 5. 51.

Dear Dr. Lederberg,

Many thanks for your letter. I was very pleased to hear of the recent development of your work. I am very sorry, though, that I do no more possess strain 204. As it is possible that Dr. Kauffmann is still in possession of it I have written to him and asked him for a subculture. Should I obtain it I shall send it on to you.

Yet perhaps there are other possibilities. For example, a weak bacteriophage of the T_2 and T_3 types stimulates L-form production in E. coli B. The L-form goes through filters, starts often to grow as tiny L-clumps in the filtrate and on transfer to rich media may grow out first into an L-colony, and then reproduces the A-form. Lowering of the temperature to "English room-temperature" after some hours in the incubator

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may enhance the phenomenon. I understand too little of the actual technique of your work to know if these suggestions are any good to you. A pity we cannot have a discussion together and compare notes.

I am enclosing a photo to show you the L-form of ColiB which grew from a bacteriophage filtrate.

The points I mentioned have not been published yet by me, but many

bacteriologists of the past have described the "come backs" from bacteriophage filtrates. Their methods were blamed for these results; but surely they were correct.

A review on the "filterable forms of bacteria", which I wrote for Bact. Reviews, is probably coming out in the June number. It might interest you.

Wishing you much success

yours sincerely,

Emmy Nobel.