

UNIVERSIDAD DE CHILE
ESCUELA DE MEDICINA

INSTITUTO DE QUIMICA
FISIOLOGICA Y PATOLOGICA

Borgero 1470 - Santiago

January 3, 1958

Dear Josh:

I was waiting for you to get back to Madison and settle down a bit before answering your letter of October 26. I guess, by now, you must have fallen back in the routine. Haven't you?

You must have heard about the loss of the original ms of mine. The editor wrote me asking for it and I told Bette to send it thinking that she must have had it. Probably I was right because I got a letter from Bernard Davis saying that he was one of the reviewers.

Bernie was kind enough to send me a copy of his comments. Most of them are justified and I knew them from the very beginning. The most important is the mixture of experiments given in the paper which makes very hard to understand the whole picture. Bernie suggested that it should be broken down into two papers. Another point, also very justified, is the anacronism of the paper in the sense that Monod's permease only appears at the end. With regard to this point it is very hard to find what to do, because, in fact, all the experiments and conclusions were prior to Monod's permease.

I'll wait for the official word of the Editor to decide about the ms.

With regard to your own comments on the ms I have taken note of them and I will make the corrections when I will have the occasion.

In connection with reprints, I will give the instruccions to the secretary of the Enzyme Institute when I have the forms from the J. Bact.

I will write you in a near future about some experiments on the permease problem. I have synthesized C-14 labeled TMG but it resulted of a very low specific radioactivity, therefore the time required for the experiments has gone up considerably on account of the number of cells necessary, new technical problems, etc.

I have decided to visit the States next August. I feel urgently the need to talk with people of the field. Specially now with so many interesting findings (which I receive six months later).

I was rather discouraged to read two papers on labeled DNA, because I think that I am too much of a perfeccionist. Both authors worked with a DNA far more impure than the one I have considered unsuitable (0.1 % of low molecular weight nucleotides). A student is coming next month to work with me and I plan to put him back in the problem but using thymine-C14 to label the DNA. Do you have a thymine

requiring mutant of K-12? By the way, the two strains 2242 and 2244 were received, thank you.

Please write about the news in Madison, scientific and others. My cousin, Sara Winderman, is allergic to letters so I never hear anything from anybody there.

With my best regards to Esther and you,

yours,

Boris