INSTITUTO DE QUIMICA FISIOLOGICA Y PATOLOGICA

ESCUELA DE MEDICINA UNIVERSIDAD DE CHILE Borgoño 1470 - Santiago

October 1, 1956

Dear Josh:

I did not have a chance of answering your letter of/14th because I have been sick for the last week with a bad cold. Ruth J. also got it and the house looks like a hospital.

I enclose here a copy of a letter I sent to Mann, io comment is needed.

I have not received yet anything from Mr. Berger. I am glad he wants the beta derivatives because we haven't had much luck with the alpha glucoside. By the way, California Foundation offers the alpha or the beta glucoside?

Thank you for your offering me cultures. I just received notice that the boxes with the lab material arrived to Valparaiso therefore it will be matter of days only until I get them. Still I don't know in which conditions they will arrive, accordingly I may have to take your offer yet.

The manipulator I told you about is not the one you quote me because the name of the authors does not coincide. The one I am refering is by Browning and Lockingen. I don't believe that it could be very expensive.

It occurred to me that one could modify the deFonbrune by eliminating the whole part with the pistons and replacing it with an electrical system with tubes heated with nizrome wire. The control is effected by changing the thermal expansion with a reostat. For a better explanation I give you a drawing below.

www all

I knew that you tried protoplasts as donars of genetic fragments without success, but I underestimated your tenacity. I think that the problem is worthwhile and should be exhausted.

I will have the DNA with ${\bf P}^{32}$ tomorrow after a two week ordeal. I will not mention details so as not to embarrass any chilean scientist, it could happen anywhere.

I received this very minute the ms of Monod. I'll let you know about it in my next letter.

Give my regards to Esther and all the friends there,

sincerely.