

June 7th. 1960.

Professor Francois Jacob,
c/o Mat Meselson,
Department of Biology,
California Institute of Technology,
Pasadena, Calif.

Dear Jacob,

Attached is a letter and memorandum which I sent to Alex Rich. Could you show it to Mat and Sydney and if any of you should care to make some comments I should be glad to have them.

With kindest regards,

Sincerely,

Leo Szilard.

Enclosure:

June 10

CALIFORNIA INSTITUTE OF TECHNOLOGY
PASADENA, CALIFORNIA

DIVISION OF BIOLOGY

Dear Szilard,

Many thanks for the two letters you sent to me and that we have discussed with Meselson and Brenner.

The experiments about the decay affecting a repressor (or groups of repressors) can be done but are technically rather difficult. I personally feel that the available data about the effects of ^{32}P do not fit well this model and can better be accounted for by other models.

The experiment about determining the time required for the synthesis of an enzyme molecule is extremely exciting. As a matter of fact Sydney has already planned to do a similar experiment with the phage head protein and will do it when he will be back in Cambridge.

He has done a very interesting experiment dealing with the question of whether after phage infection the phage protein are made on a new ribosomal machinery or on the old bacterial machinery. The result points strongly to the latter hypothesis, namely that phage protein in order to be made require the presence of previously formed bacterial particles. He will tell you himself the whole story on his trip back to Cambridge.

With kindest regards and best wishes

Francis Jacob

Institut Pasteur

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Téléphone : SÉGUR 01-10

Paris, le

27 avril

1951

Dr. L. SZILARD
Committee of Biophysics
University of Chicago
CHICAGO
Illinois

Dear Szilard,

It was pleasant among the bad news we received any ten minutes about France to receive one good news, namely that your book will be translated in French by Denoël. I am sure that you are already informed of this decision. Denoël is a very serious and good publisher and everything should be all right.

I am looking forward to meeting you in a few weeks in Cold Spring Harbor.

With best wishes,

Yours,

François Jacob

F. JACOB