

June 10, 1951

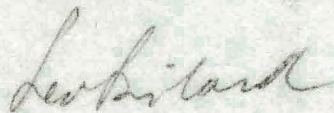
Dear Fox:

I discussed your problem with Bernie Davis. His Lab will be closed in August. It would seem therefore best that upon completion of your course on August 5th, you go to Vancouver (if you so desire) and be back in Chicago about September 5, by which time Novick should also be back from his vacation.

If upon completion of the Phage course you find that you prefer to spend a few weeks with Davis rather than take the second course offered in Cold Spring Harbor, you might take up this matter with Davis and see how he feels about it at that time. I shall tell him that you will come and see him in any case in his Lab sometime or other.

With kind regards,

Sincerely,



5650 Ellis Avenue

August 1, 1952

Dr. Maurice S. Fox
Hopkins Marine Station
Pacific Grove, California

Dear Fox:

Many thanks for your letter. The way things look now I shall spend the month of September in New York City. When I saw Hotchkiss he mentioned that he thought it would be best for you to discuss the situation with him personally in New York and that the Rockefeller Institute could pay for the expenses of your trip. Why don't you arrange this with Hotchkiss and come to New York at your convenience, perhaps during the last days of September?

I am trying to arrange for Earl Wilson to be put on our payroll for six months starting October first. This seems to meet his immediate need and we can then decide in October or November just to what extent we want to go into this kind of work. Because Mr. Prentice is away from Chicago and we were unable to get together, I didn't want him to make any commitments beyond the bare minimum, and that is why I proposed to him (over a long distance phone call) a six months contract for Wilson at his old salary. We ought to pay him more if the arrangement is to be continued.

You will be able to reach me in September in New York, c/o
The Conservation Foundation, 30 East 40th St., telephone Lexington 2-6110.

Sincerely,

LS/sds

Leo Szilard

THE UNIVERSITY OF CHICAGO
CHICAGO 37 · ILLINOIS
INSTITUTE OF RADIOBIOLOGY AND BIOPHYSICS

July 11, 1953

Dear Szilard;

I have a few new results and have compiled them with the remaining recent results that seemed immediately relevant.

As I see it, there seems to be a high adenosine irreversible rate with fast chemostats, probably comparable to broth and casein hydrolysate breeder ~~s~~ results. In addition there may be a large generation-time dependent adenosine reversible contribution that comes in at fast growth rates. This would, of course, not have been apparent in broth breeders because the rate observed there is refractile to treatment with either purine type mutagens or anti-mutagens. I'm referring here to the broth breeder ^{mutators} rates at 42 minutes without glucose and the 31-33 minute with glucose added, these being the same.

A number of experiments are suggested here, namely a measurement of mutation rate versus generation time in aerobic casein hydrolysate-glucose chemostats between 2 hrs and 35 minute generation times, without adenosine. Here, if my notions are reasonable, one might expect a higher

15 mutation rate than that observed in casein hydrolysate without glucose, due to the difference in generation times, 42-44 minutes in the later and about 32 minutes with glucose.

I set up the casein hydrolysate - glucose, no adenosine, breeder on Thursday and am having some trouble with it. It's again this business of its not taking properly - and I'm rather sure its not trace elements, since I have a parallel machine with adenosine & trace elements that is also giving trouble.

The suggested chemostat experiments are now being started. The first one having been started Thursday and having failed last night thanks to the little stirring pellet wearing through the bottom of the growth tube. This will be set up again today.

I have been feeling somewhat better of late and as a result have been able to get these few experiments going although my luck in the last few days has clearly not been the best. Perhaps a new prayer might be in order.

I hope things are going well in New York and am looking forward to seeing you in the near future.

Best regards
Maury.

Washington, D. C.
March 3, 1962

Professor Maurice Fox
The Rockefeller Institute
66th Street and York Avenue
New York 21, N. Y.

Dear Maurey:

The attached letter is meant for you and those others whose names are listed in the memo, "The Next Step". I should be very grateful to you for reading the attached letter and the enclosures, and for advising me as soon as possible whether you are willing to serve as an Associate.

I hope very much that you are willing to serve as a Fellow and that you are not going to disqualify yourself from serving on the Board of Directors of the Council.

Sincerely,

Leo Szilard

Hotel Dupont Plaza
Washington 6, D. C.
Telephone: HUDSON 3-6000

Enclosures

P.S. I am enclosing the revised and final version of my speech, which will be printed in the April issue of the Bulletin of the Atomic Scientists.

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