

UNIVERSITY OF CALIFORNIA
COLLEGE OF AGRICULTURE
AGRICULTURAL EXPERIMENT STATION

DEPARTMENT OF BACTERIOLOGY
DAVIS, CALIFORNIA

September 5, 1952

Dr. Joshua Lederberg
Department of Genetics
University of Wisconsin
Madison 6, Wisconsin

Dear Josh:

We arrived in sunny California safe and sound. With those three offspring of mine jumping around my little Ford the trip was quite amusing.

On the way out I stopped to chat with Dr. Chance. He and Bennett Clark (who worked with Orv Wyss) are well into a combined cytological-genetic problem. Perhaps you are already acquainted with their approach. Chance has perfected a still different nuclear stain which has quite taken my fancy by its simplicity, clean-cut results and its sound theoretical basis. At least one paper on the nucleus of Gaffyka sp. is in press (Stain Technology). Another on cytokinesis, which is truly astounding, is in preparation. Perhaps you are already familiar with much of this. As you know, Chance has been working in this field for 13 years, and this is the first time in the past 7 that I have seen him so elated.

Also during my travels I visited a former student of Abie Eisenstark who has been working on transformations of Pasturella sp. This strain is lysogenic and the phenomenon is quite similar to transduction in salmonellae. Unfortunately, the characters so far transformed are morphological and, hence, difficult to score.

As usual I wish to "borrow" something. If you have ample, could you send some ONPG? I hoped to study galactosidase in course 104 since you have developed such an elegant method of assay.

Again I extend the invitation to visit us your next trip west. Best wishes and thanks for all your help in the past.

Sincerely,

Allen G. Marr

ACM:mg