YALE UNIVERSITY
OSBORN BOTANICAL LABORATORY
NEW HAVEN, CONNECTICUT

July 19, 1946

Dear Beets:

Thanks much for the reprint — and for the tryptophane etc. cultures.

We've been running into a little difficulty in interpreting some of the morphological types coming from no treatment, or after mustard or especially methyl-cholanthrene treatment. These fall into 3 main types, flat, pink-fluffy, and conidialess — and reach approximately 10% of the isolates from 25a X 1A. Has any track been kept of these types from the Stanford isolates? We're planning on using isogenic stocks when they're made.

2ndly - S-mutants (cystine and methionine) have run close to 25% of the total biochemicals from mustard. Is that what the radiation isolates ran. Did Norm find a disproportionate number with mustard gas?

3dly - To the best of my knowledge, no clear-cut biochemicals have come from untreated stocks — i.e. spontaneous - in N- is that still true? We've done close to 2,000 isolates with no treatment, or ineffective treatment, without getting one.

2 in B6 cyt. mete 4 F

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The C.S.H. symposium was very fine - lots of good discussions and some excellent papers - especially Spieglemann's, Sonneborn's, and Hershey's. Dave did a very creditable job too. Sonneborn has just hired v. Wagtendonk, but you probably already know that.

Dave & Miriam are getting well settled, but are having trouble finding a house for later this summer. The situation is difficult - except for veterans. I was glad to hear your house in P.A. went to Art (who will appreciate it) and that you are located in Pasadena - How are the rest of the gang making out?

With best regards to all

Yours

Ed.

P.S. We recently turned up a N-mustard adenine-purple - we'd like to know if its the same as the Stanford purple - shall I send it on?

Ed.