

# UNIVERSITY of PENNSYLVANIA

PHILADELPHIA 4

October 18, 1956

*The School of Medicine*

DEPARTMENT OF PEDIATRICS  
1740 Bainbridge Street  
Philadelphia 46, Pa.

Dr. Joshua Lederberg  
Department of Genetics  
University of Wisconsin College of Agriculture  
Madison, Wisconsin

Dear Josh:

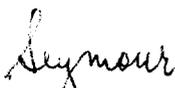
Thymine is incorporated into 15<sub>T</sub>- but very poorly into B. I have no information on K 12. However strain 15 is relatively inert to thymine analogues suggesting it does not incorporate but of course 15<sub>T</sub>- does. Therefore one can't prejudge the mutant progeny too completely from the properties of the parent, at least with respect to this function. The sulfa trick permits the exposure of a thymine route in B which incorporation data did not.

Gunther Stent did some tricks with ~~the~~ sulfanilamide trick on K12 but I can't remember what he obtained. You might write to him about it.

Thanks for the reprints.

With best regards to Esther and yourself,

Sincerely yours,

  
Seymour Cohen

SSC/hr