

UNIVERSITY of PENNSYLVANIA

PHILADELPHIA 4

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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_T- 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_T- 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