

Columbia University
College of Physicians and Surgeons

630 WEST 168TH STREET
NEW YORK 32, N. Y.

DEPARTMENT OF SURGERY
SURGICAL PATHOLOGY

August 20, 1946


Dear Josh;

With my head bowed in shame I write you that the coli mutants would not grow in transplants (3 attempts) . Could you send me duplicates of all three since I am rather anxious to determine their usefulness in assay.

As far as biosynthesis is concerned, I will certainly consult you well in advance. I think it will be useful, however, at this time to determine the organism's efficiency in utilization of nitrogen; how much of the medium N goes into nucleic acid. Roughly 10% of the neurospora N is nucleic acid N, but even there I haven't determined the efficiency of utilization. I may then grow a small culture for analysis; I should expect that from the E. Coli will get about thirty to forty percent nucleic acid, certainly more profitable than neurospora for us.

We are having variable results in our isolation of nucleic acid from neurospora; we don't have the last word there yet. E. Coli will present a different picture, but I wonder if we'll get more desoxyribo out of it.

Sincerely,


Samuel Graff.