Columbia University
in the City of New York

DEPARTMENT OF ZOÖLOGY

Dear Dr. Lederberg,

I was a former student of Prof. C. C. Tan and have just come from China to further my studies on genetics in the Zoological Department of Columbia University. At present I am working with Prof. Ryan on Neurospora.

In reading Dr. Beadle's paper of 1944 on the heterocaryosis in Neurospora crassa I am much interested in the quantitative relationship between nucleus ratio and phenotypes. We choose the easily measurable character albino vs. wild as the phenotype. In order to ensure heterocaryotic conditions we would like to mark the albino and wild nuclei with physiological mutants, Pantothenicless and nicotinicless-2 respectively and let the heterocaryon grow first on minimal media.

We will be very much obliged if you can kindly send us the following cultures of Neurospora crassa: Nicotinicless-2-+a-A (4540 +a A) and Pantothenicless albino A (5531-15300 A).

Sincerely yours
T. C. Sheng.