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United States  
Department of  
Agriculture

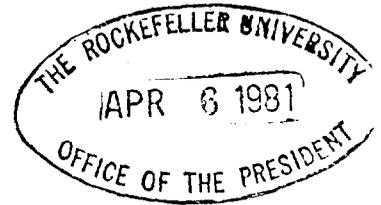
Science and  
Education  
Administration

Agricultural Research  
National Program Staff

Beltsville, Maryland  
20705

March 31, 1981

Dr. Joshua Lederberg  
President  
The Rockefeller University  
1230 York Avenue  
New York, NY 10021



Dear Dr. Lederberg:

Dr. Kinney has asked me to help respond to your letter to him of February 23, 1981. I have already initiated a search of the Current Research Information System (CRIS) to obtain printouts of all projects in poultry breeding research and also to obtain printouts of research in molecular and cell biology in poultry breeding. Because of the backlog, the printout will take several weeks. As soon as I have obtained it and have screened it for you, I will be in communication with you again.

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In the area of molecular biology and poultry breeding, I believe Dr. L. B. Crittenden of the Regional Poultry Research Laboratory, East Lansing, Michigan 48823 (phone 301-372-1910), has made enormous contributions and is leading the field. Working with various collaborators, he has been involved in identifying the location of the genes for endogenous leukosis virus and has initiated a project on genetic engineering of these genes in chicken germ lines. He is also familiar with the recent work on the cloning of chicken ovalbumin and globin genes. I will supply you with further information on this aspect later.

Dr. N. S. Fechheimer at Ohio State University, Columbus, Ohio 43210 (phone 614-422-6851) and Dr. R. N. Shoffner, at the University of Minnesota, St. Paul, Minnesota 55108 (phone 612-373-1488), are extensively involved in cell biology including chromosome mapping, ploidy, and transplantation of germ cells from one embryo to another. I hope to be able to get you more information on this later.

I hope this preliminary communication will indicate to you the steps I have initiated to answer you request. I will be in communication with you again later.

Sincerely,

H. GRAHAM PURCHASE  
Acting Chief  
Livestock & Veterinary Sciences Staff

APR - 6 1981

① I will send this to you after I have received and scanned it.

cc:  
D. King  
H. Marks  
L. Crittenden