

# CREIGHTON UNIVERSITY

School of Medicine  
Department of Preventive Medicine  
And Public Health

May 12, 1978

William Gardner, Ph.D.  
The Council for Tobacco Research—U.S.A., Inc.  
110 East 59th Street  
New York, New York 10022

Dear Bill:

In re-assessing the logistics for our activities with our CTR proposals entitled Statistical-Genetic Evaluation of Risk Factors in Lung Cancer (941A), and Aryl-hydrocarbon Hydroxylase and Related Immunological Markers: A Susceptibility Index for Lung Cancer (1132), I find that maximum benefit would be served through the addition of a laboratory technician for the Creighton Laboratories. This would require \$ 11,500.00 added to Grant 941A. This technician would work under Dr. Fain in the project, and the primary functions of the technician, in addition to collection of blood samples from families in this geographic region, would be concerned with performing laboratory technology relevant to genetic polymorphs. Our severe need for a laboratory technician has arisen as a result of Hoda's transfer to the University of California @ Irvine where the technician lines formally at Creighton will be utilized in the pursuance of the goals and objectives of her proposal (1132).

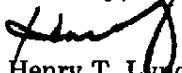
The genetic polymorphs will be added to our proposed projects with an added objective towards linkage studies in lung cancer-prone families.

As I have told you previously, Pamela Fain, Ph.D., a student of Dr. Kimberling's (University of Colorado Medical Center) will be formally joining our faculty soon. Her research interest is in genetic-linkage employing genetic polymorphs.

I firmly believe that it would be prudent to obtain as much biological and genetic information as possible from the blood collections obtained from these high-risk members of lung cancer-prone families. It is possible that the significance of AHH inducibility could be enhanced through an extended genetic analysis incorporating a battery of genetic polymorphs. The polymorphs studied in these patients by Dr. Fain would be comparable to Dr. Kimberling's objectives in the Colorado and Swedish twin projects.

I would like to know if there is a possibility that we might be able to secure these emergency funds from CTR for the designated laboratory technician for Grant 941A. We would be pleased to provide any further supportive documentation for this request. I am enclosing Dr. Fain's curriculum vitae.

Sincerely,



Henry T. Lynch, M.D.  
Professor and Chairman

HTL/mlb  
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