Fairleigh Dickinson University

RUTHERFORD TEANECK MADISON

FLORHAM-MADISON CAMPUS
285 Madison Avenue
Madison, New Jersey
Area Code 201
377-4700

17 February 1976

Dr. H.C. Duecker
Vice President in charge of Research
Construction Products Division
W.R. Grace & Company
62 Whittemore Avenue
Cambridge, Mass. 02140

PLAINTIFF'S EXHIBIT

MET-578

Dear Dr. Duecker:

As you know, our laboratory has carried out tests for biologic effects of various preparations of asbestiform minerals by intrapleural injection into hamsters with results described in the attached paper by myself and Hubert.

We understand that you can provide two samples of tremolitic minerals. We are prepared to study them for biologic effects as discussed, i.e.:

We will inject Sample A at a dose of 25mg into right pleural cavity of each of seventy hamsters. We will similarly inject Sample B at a dose level of 25mg into each of seventy hamsters. As a control, we will give an additional group of seventy hamsters intrapleural injections of 0.5ml 0.9 per cent solution of sodium chloride, the vehicle and volume used for suspension of the test material.

Hamsters of the LVG:LAK strain will be used for these experiments. All will be males because of the longer life-span of male than female hamsters.

From each group, ten hamsters will be sacrificed at 90 days after injection for examination for fibrogenicity of the material. The remaining animals will be maintained throughout their life-spans and examined pathologically with special reference to any tumors.

In our experience, life-span of LVG:LAK hamsters runs up to about two years. We can carry out the above experiments within that period of time for the amount of $59,250. This would comprise all costs of the project, including part-salaries of personnel, purchase and maintenance of animals, supplies and indirect costs required by the University.

Checks for one quarter of the cited amount should be sent prior to start of project and at three intervals of six months during the project to:

Mr. William Zickler, Comptroller
Fairleigh Dickinson University
Rutherford, N.J. 07070

If you wish, the second installment for this project need not be paid until January 1977. If you wish to terminate this project within 90 days after initial installment, no further payments need be made.

Results of this work will be reported to you at intervals of six months in the course of the project. We will treat results as confidential except for findings in the control group injected only with salt solution. As you know, we allocate only half the cost of the control group to you. Aside from findings in the control group, any publication of results will be made only by mutual agreement.

We suggest a starting date of April 1, 1976 for this project. If this proposal is agreeable, I trust that you will advise.

Sincerely,

William E. Smith, M.D.
Director
Health Research Institute

WES/elc

Approved for Fairleigh Dickinson University

Richard S. Touma
Asst. Vice President
for Academic Services

Date: 2/24/76

Accepted for W. R. Grace & Company

Vice-President

Date: 3/16/76