

127
8/19/79

Current Studies
SARANAC LABORATORY

Page 1
11-2-56

PLAINTIFF'S
EXHIBIT
7709100

56355

MT-002651

Experiment Number	Subjects	Title	Final Report	Financing
1205	2	Fiberglas, Sheet: G.P., Rats, Rabbits		Due
1206	0	Fiberglas, Corvett: Injections, G.P., Rats, Rabbits		Pd.
1209	100	Fiberglas: G.P., Rats, Rabbits		Pd.
1217	7	Fiberglas: Injection, G.P., Rats, Rabbits	Parts available January 1957	Due
1305	4	Fiberglas: Monkeys		Due
1317	128	Controls: Guinea Pigs		(Pd.)
1320	12	Controls: Rabbits		(Pd.)
1321	90	Therapy of T.B.: Guinea Pigs	New study to be completed about December 1957	Proposed

Purpose: To determine the biotoxicity of inhaled and injected fiberglas and flakeglas dust, to study their effects on the course of tuberculosis, to study their capacity to produce lung cancer, and to explore the possibility of controlling tuberculosis by drugs.

Footnote: Due - Funds promised
Proposed - Study requested 1956
(Pd.) - Expense shared

Owens-Corning Fiberglas Corp.
\$23,848 + 13,149 + 9,000
(Total \$45,997)

Current Studies
SARANAC LABORATORY

Experiment Number	Status	Title	Final Report	Financing
1263	1	Tumor Transplant: Rats		Pd.
1265	3	Zn Be Silicate Inhalation: Rats		Pd.
1266	17	Santocel plus BeO Inhalation: Rats		(Pd.)
1270	100	Be Fluoride Inhalation: Rats		(?)
1280	43	Be Oxide Initial plus Therapy: Rats		Pd.
1285	27	Be Phos. Inhalation: Rats	December 1957	(?)
1288	14	Controls: Rats		(Pd.)
1290	4	Be Compounds: Subcutaneous		Pd.
1291	7	Swine		Pd.
1309	1	Be Sulphate Inhalation: Monkeys		(Pd.)
1313	5	Be Phosphate Inhalation: Monkeys		(?)

Purpose: To determine the biotoxicity of beryllium compounds (phosphor, phosphate, fluoride, oxide, sulphate) for rats, monkeys and swine; to explore their capacity to induce pulmonary and subcutaneous granulomatosis and examine the role of adjuvant substances in the production of these lesions; to attempt to prevent, abort, or to cure lesions induced by these compounds; to study the capacity of these substances to induce lung or bone cancer; to study the biochemical changes which are associated with the development of these lesions.

Footnote: (Pd.) - Expense shared
(?) - Continuation of contract under negotiation for 1957

U. S. Atomic Energy Commission
\$70,755 + 17,500
(Total \$88,255)

MT-002652

50356

Current Studies

SARANAC LABORATORY

Experiment
Number
Anticell
Scall
Alive

Title

Final Report

Financing

1298	92	Be Sulphate plus asbestos: Rats			Pd.
1299	104	Asbestos plus Be Sulphate: Rats			Pd.
1300	27	Controls: Rats			Pd.
1303	160	Be Sulphate: Delayed Onset			Pd.
1311	7	Tumor Transplants			Pd.
1319	51	Be Sulphate: Delayed Onset			Pd.

Final Study
December 1957
Supplementary
Reports
March 1957
American Cancer
Society
\$21,500

Purpose: To determine the capacity of inhaled asbestos to act as a co-carcinogen with beryllium sulphate; to establish the minimum exposure to beryllium sulphate required to induce lung cancer; and to prove the malignant nature of the tumors.

1209	0	Hydrophobic Silica: Injection			Pd.
1210	0	Hydrophobic Silica: Inhalation			Pd.
1218	0	Salt-free Hydrophobic Silica			Pd.
1219	0	Hydrophobic Silica			Pd.
1267	2	Normal Controls: Monkeys			(Pd.)
1276	24	Estersil Inhalation: Monkeys, G.P., Rabbits, Rats		July 1957	Pd.
1286	4	Quartz Inhalation: Monkeys			(Pd.)
1297	3	Santocel Inhalation: Monkeys			(Pd.)
1317	128	Guinea Pigs: Control			(Pd.)
1320	12	Rabbits: Control			(Pd.)
1322	12	Santocel: 24 Hour			(Pd.)

E.I. DuPont
\$57,288

Purpose: To establish the relative capacity of inhaled amorphous submicron silica dust to cause pulmonary emphysema and cor pulmonale.

Footnote: (Pd.) - Expense shared with Navy grant
(Pd.) - Expense shared with Navy grant

56357

MT-002653

Current Studies

SARANIC LABORATORY

Page 4
11-2-56

Animals
Experiment
Still
Alive

Title

Final Report

Financing

1211 0 H-Sil: Inhalation

Pd.

1211 0 H-Sil-C: Injection

Pd.

1212 0 H-Sil-C: Inhalation

Pd.

1269 111 H-Sil 1151: Inhalation

Pd.

1286 14 Rats: Control

Pd.

1317 128 Guinea Pig: Control

(Pd.)

1320 12 Rabbit: Control

(Pd.)

1323 12 H-Sil: 24 Hour

Pd.

May 1957

Columbia-Southern Chemical
\$68,530

Purpose: To investigate the comparative biotoxicity of inhaled amorphous silica dust and explore methods of rapidly assaying the effects of various kinds of amorphous silica.

Footnote: (Pd.) - Shared expense

1310 46 Shock Tests: Aluminum: Guinea Pigs

Due

1312 13 Subcutaneous Aluminum: Rabbits

Due

1323 30 Controls: Guinea Pigs and Rabbits

Due

March 1957

McIntyre
Foundation
\$1,000

Purpose: To evaluate the relative capacity of various kinds of alumina to prevent silicosis.

Footnote: Due - Funds promised

56358

MT-002654

Current Studies
SARANAC LABORATORY

Experiment Number	Animal Still Alive	Title	Final Report	Financing
1281	50	IM: Silico-tuberculosis	September 1957	
Purpose: To determine whether the prophylactic administration of IM can prevent tuberculosis in silicotic guinea pigs: Practical Value -- Result, if favorable, would have tremendous application in saving lives in industrial workers.				
1284	35	Quartz Inhalation with Variable Biological Factors	December 1957	
Purpose: To establish whether variations in the weight, sex, physical activity, nutrition, endocrine balance of guinea pigs are factors in causing individual susceptibility or resistance to develop silicosis: Practical Value -- Recruit selection, periodical control, job placement policies; medico-legal claims.				
1242	0	Pathogenicity of Ruiz Graham Bacillus	June 1957	
1255	0	Pathogenicity of Ruiz Graham Bacillus		
1306	4	Virulence Tests: Hamsters		
1315	20	Quartz Inhalation plus H37Ra		
1318	57	Intracardial Quartz plus Attenuated A.F. Bacilli		
Purpose: To prove that conglomerate infective silicosis can result from infection by chromogenic and photochromogenic acid-fast bacilli; to establish a new laboratory method for assaying the latent pathogenicity of so-called avirulent strains of acid-fast bacilli. Practical Value -- Medico-legal clinical pathology.				

Financed from 68% overhead levied on Pickands Mather contract, and equipment furnished by Navy

MT-002655

56359

Current Studies
SARANAC LABORATORY

Experiment Number	Animals Still Alive	Title	Final Report	Financing
1286	4	Quartz Inhalation in Monkey		
1296	1	R ₁ R ₂ in Monkeys	1958	
1304	15	R ₁ R ₂ plus Quartz in Rabbits	1959	
1324	40	Quartz plus T ₁ H-Resistant R ₁ R ₂		
Purpose: To examine the current pathogenicity of the R₁ bacillus for monkeys and rabbits with and without quartz exposure. This is a revival of a basic project commenced in the Saranac Laboratory by Dr. E.L. Trudeau 60 years ago and continued by Doctors Baldwin and Gardner.				
1302	39	Quartz plus T ₁ H-Resistant ECG	1958	
Purpose: A component study in a project to develop a vaccine against tuberculosis.				

Trudeau Foundation
(Part of technical work
furnished by
Will Rogers Hospital)

Trudeau Foundation
plus
Equipment furnished
by Navy

Financing

5636C

MT-002656

CG-100561448

230

Saranac Laboratory
ROUND TRIP LETTER

to: Doctor Schepers

Number of copies of reports and illustrations
DATE Aug. 13, 1957 SUBJECT requested by the various companies

Dear Doctor Schepers:

The following tabulation, I believe, is what you wish:

Company		Dr. Schepers	Laboratory	Total
American Cancer	4 +	1	+ 1	= 6
Owens Corning	10 +	1	+ 1	= 12
A.E.C.	6 +	1	+ 1	= 8
Columbia Southern	4 +	1	+ 1	= 6
(plus additional 12 copies of manuscript - that is, ditto copies)				
du Pont	4 +	1	+ 1	= 6
(plus additional 6 copies of body of report)				
McIntyre	10 +	1	+ 1	= 12
Navy (Tech. & Final)	35 +	1	+ 1	= 37

SIGNED

DEPT.

REPLY:

In addition, you have required also an extra copy for manuscript purposes, which means then that you will have to add one to each number in the "Total" column.

Sincerely,

AVB

58502

DATE

SIGNED