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___ published article from trade journal

___ published advertisements

___ newspaper article

___ published government report

___ government inspection results

___ unpublished or internal report

___ unpublished presentation from conference

___ letter

___ memorandum

___ industry warning labels

___ industry sales literature

___ industry recommended practices

✓ meeting minutes (with attachments) 4/49

___ membership list

___ BC notes

CONFIDENTIAL

AMERICAN PETROLEUM INSTITUTE
SUBCOMMITTEE ON CARCINOGENICITY

SPRING MEETING

Minutes of Meeting
April 1, 1949
Book-Cadillac Hotel
Detroit, Michigan

MEMBERS PRESENT

Marshall Clinton
L.E. Curtis
T.M. Frank
J.P. Holt
T.J. Kelly
M.N. Newquist
McIver Woody

ASSOCIATES PRESENT

L.C. Beard, Jr.
R.S. Bonsib
A.E. Dooley
H.G.M. Fischer
H.P. Lankelma
K.G. Mackenzie
H.H. Zuidema

VISITORS

V.C. Baird
F.F. Boys
Kieffer Davis
A.E. Hoag
E.K. Linder
E.P. Luongo
R. Clinton Page
B.B. Reeve

E.W. Adams
R.C. Cole
N.J. Gothard
R.M. Landon
F.M. Watkins

GUESTS

S.J.M. Auld	Institute of Petroleum, London
R.D. Bent	Atlantic Refining Company, Philadelphia
J.W. Hammond	Humble Oil Company, Houston
R.A. Kehoe	University of Cincinnati
W.L. Simpson	Detroit Institute of Cancer Research
J.B. Stucker	Pure Oil Company, Chicago
H.G.S. vanRaalte	Shell Oil Company, Curacao, Neth. Antill.
H.R. Warrick	The Texas Company, New York

ADVISOR

D.V. Stroop - API

TOTAL IN ATTENDANCE - 36

MEMBERS ABSENT

W.R. Levis
C.A. Swan

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New members of the Subcommittee and guests were introduced.

Minutes of the three previous meetings, November 11th, 1948, February 1st, 1949 and March 11th, 1949 were approved after a change was made on Page 3, Line 9 of the March 11th, 1949 minutes by substituting the word "suggested" for "approved".

Dr. Kehoe stated that of the $40,000. capital funds provided by the API, $30,478. had been applied to building costs and $8,264. had been put into special equipment, leaving a balance of $1,258. to provide additional equipment as needed. Of the API grant for current expenditure, there remained a balance of $22,598. as of December 31st, 1948, of which about $14,660. would be used during the first six months of this year, giving a balance of some $7,000. as of July 1st, 1949. Current expenses from July 1st, 1949 to June 30th, 1950 were estimated at $122,600., of which about 25% would be covered by from payments from individual companies for testing their samples, leaving some $90,000. to $100,000. to be provided by the API.

Thanks to the API grant for capital expenditures, which came in the nick of time, facilities would be available by July 1st for a colony of 10,000 mice which would permit simultaneous studies on 175 to 200 samples. The API would have first claim on these facilities; but after that, samples submitted by any individual company would be accepted for testing provided that they would not interfere with the API schedule.

In addition to Dr. Kehoe, Dr. Heyroth and Dr. Dutra, 11 other persons would be required. Of these, Dr. A. Wesley Horton was already engaged in securing the necessary refinery and chemical data. Dr. J.J. Phair would start work on the epidemiological phases of the problem after July 1st. Other personnel would include: a chemist to assist Dr. Horton; a record clerk to maintain complete records on all the mice; three technicians to do the actual application of samples to the mice; one technician to prepare tissue sections for the pathologist; and two animal caretakers. A principal investigator was yet to be selected. This investigator would have to be an excellent pathologist, as well as a good administrator because he would be responsible for:

a. Supervising application of the samples to the mice.

b. Establishing standard criteria for:

1. Determining existence of tumors.
2. Differentiating between tumors and dermatitis.
3. Establishing whether tumors are benign or malignant.

Dr. Newquist asked about the method of selecting samples for testing. Dr. Kehoe replied that this would be the duty of Dr. Horton, working with the Subcommittee and its technical advisors.

Mr. Beard asked whether results of tests of samples submitted by individual companies would be available to the API. Dr. Kehoe said they would be available only with the consent of the particular company and then only on a confidential basis.

Mr. Fischer thought the proposed program was well organized but wondered whether the personnel proposed by Dr. Kehoe would be sufficient to carry on all the necessary work.

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fractions on plants some index of carcinogenicity might be developed.

Dr. Woody read a letter from the American Cancer Society requesting the API to report the amount of money it was spending on cancer research, so the Society could include it in their report of grants-in-aid for cancer research. Mr. Stroop was asked to obtain information on how this data would be used by the American Cancer Society.

Action by the Subcommittee - It was voted to recommend to the Medical Adivsory Committee that:

1 - Information on carcinogenicity be exchanged with the Institute of Petroleum.

2 - The budget for the year beginning July 1st, 1949 for the program at Kettering Laboratory be increased to $100,000.00

McIver Woody
Chairman

A.E. Dooley
Secretary

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