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9/30/91*

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TO: Commissioners and Division Heads
FROM: Carroll L. Wilson, General Manager
SUBJECT: Meeting of the Advisory Committee for Biology and Medicine

The fourteenth meeting of the Advisory Committee for Biology and Medicine will be held on February 12, 1949, at the Atomic Energy Commission, Washington, D. C., in Room 213.

Invitation is cordially extended to attend this meeting.

Agenda - 9:00 A.M.

1. Consideration of the Minutes of the meeting at Santa Fe Operations Office, Los Alamos, New Mexico, on December 10 and 11, 1948.
2. Report on support of research.
 - a. Proposals approved since December 10-11 meeting:

(1) Mt. Sinai Hospital - Dr. R. Loevinger - "Measurement of Tissue Doses Due to Gamma and Beta Active Radioisotopes". \$5,000. *ag*

Salary	500
Equipment and materials	4,000
Miscellaneous	500
Overhead charges	1,250

\$6,250

Total Request \$6,250

(2) Purdue University - Drs. Henry Koffler and P. A. Tetrault - "The Use of Radioactive Isotopes in Studying Mold Metabolism, with Emphasis on the Assimilatory Mechanisms of Penicillium". \$3,550. *Chrysogenum*

Salary	2,000
Equipment	1,000
Travel Expenses	150

US DOE ARCHIVES
326 US ATOMIC ENERGY COMMISSION
Collection *Division of Biology Medicine*

(Overhead not included)

\$3,550

Total Request \$3,550

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DEPARTMENT OF ENERGY DECLASSIFICATION F-100 NEW

SINGLE REVIEW AUTHORIZED BY: *Al Schmitt*

REVIEWER: *Al Schmitt*

DATE: *5/23/94*

1. CLASSIFICATION RETAINED

2. CLASSIFICATION CHANGED TO:

3. CONTAINS NO DOE CLASSIFIED INFO

4. COORDINATE WITH:

5. CLASSIFICATION CANCELLED

6. CLASSIFIED INFO BRACKETED

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- (3) University of Kansas - Dr. E. R. Hall - "Radium Chloride and Hemopoietic Native Rodents". \$11,040

Salaries	<i>Physiology</i>	5,400
Materials		1,900
Field Expenses		3,740

\$11,040

Total Request \$11,040

(Overhead not included)

b. Proposals extended since December 11, 1948:

- (1) Yale University - Dr. W. T. Salter - "Metabolism of Steroids". \$8,000

- (2) University of North Carolina - Dr. H. D. Bruner - "Flow of Blood in Kidney". \$777.50

- (3) University of Oregon - Dr. John B. Graham - "A Study of Various Methods of Increasing or Decreasing Resistance to Ionizing Radiation in Animals and Man", and "A Search for More Effective Means of Modifying Biological Resistance to Radiation". ~~\$5,000~~ 10,000

Title Corrected See minutes Feb 12 mtg.

- (4) Harvard University (Beth Israel) - Dr. H. L. Blumgart - "Radioactive Therapy of Graves Disease". \$12,000

- (5) University of California - Dr. Nellie Pace - "Distribution of Gases, Water and Electrolytes in the Human Body". \$18,136

Title Corrected See minutes Feb 12 mtg.

c. Proposals declined since December 11, 1948:

- (1) Tulane University - Dr. V. J. Derbes - "Rheumatic Heart Disease in Animals Using Antigens tagged with Radioactive Iodine".

- (2) Haskins Laboratories - Drs. C. P. Haskins and A. A. Hagelstein - "An Explanatory Study of the Toxicity and Antibiotic Action of Compounds, Forming Complexes with Metals".

Beneficent side

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Learned - light - sensible

✓3. Civil Defense Planning - 10.30

Comments and recommendations from each member will be appreciated.

✓4. Progress in Public Education - Mr. Salisbury - 10:30

Semiannual Report to Congress - Dr. Warren

Emphasize program studies - and say as well known

Desire suggestions as to content and emphasis in an extensive report on biology and medicine in connection with the next semiannual report to Congress.

Report on effects of possible attacks on AEC installations and means of minimizing them - Professor Harry L. Bowman - 11:00 AM

The AEC building in Washington and the Hanford Operations Office will be taken as examples.

Present status of RW program, including summary of Noyes Panel report of January 10 - Colonel J. Efnor - 11:20:00

10. Atomic Casualty Commission - Dr. Philip Owen - 12:30

11. Report on cyclotron-induced cataracts and National Research Council conference relating to them - Dr. Philip Owen

✓12. Status of Rochester Project - Dr. Louis H. Hempelmann ✓

✓13. Report on Medical Directors' Meeting, Rochester, January 12, 1949 ✓
Dr. J. Z. Bowers

✓14. Present Status of Particle Problem

Suggestions and criticisms relative to present experimental approach will be requested.

✓15. Plans for Eniwetok Experiments.

✓16. Distribution of Radioactive Isotopes for Cancer Research

16. Disposal of Radioactive Wastes

Report on seminar held January 24 and 25, 1949, and report on research program in biologic aspects - Dr. J. H. Jensen

Future advanced
transportation problems

7 - see over

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Ecology of plants
& its studies
Psychologic
consequences
Use of isotopes
in blood flow
& in studies
Therapy - I-131
Life span of mice

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7 16. Advisability of sponsoring a Journal of Radiobiology - Dr. Bowers

17. OTHER BUSINESS

Next meeting - Brookhaven or Oak Ridge - April 8 and 9, 1949

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