

File

NEXT MEETING: Wednesday, September 16 (Election of Chairman for 1953-54)

CANCER BOARD MEETING
Wednesday, June 10 1953

1952-53

CONFIDENTIAL

Members present: Dr. H. G. Bell (Chairman)
Dr. R. C. Benson
Dr. H. D. Brainerd
Dr. D. M. Greenberg
Dr. B. V. A. Low-Beer
Dr. M. B. Shimkin
Dr. D. A. Wood

Members absent: Dr. E. B. Boldrey
Dr. H. B. Jones
Dr. N. Malmgren
Dr. W. M. Stanley

- I. Approval of Minutes: The minutes of the meeting of Wednesday, May 20, were approved as corrected.
- II. American Cancer Society Institutional Grant - renewal application - \$100,000. ("Cancer Research In Action" - David A. Wood, M. D.)

Dr. Wood explained that last year's request for \$70,000. had been reduced to \$50,000. by the ACS. The reasons for this reduction had to do mostly with the large number of applications made to the ACS for funds and the fact that for a number of years a considerable sum of money from grants had been unexpended. A year ago Dr. Wood had been given indication that application might be made this year in the amount of \$100,000. but such thinking was in terms of the University at large. In view of the increased funds available from the ACS's unusually successful fund-raising drive this year, and the recent visit to this campus by Nationally prominent people from the Society, Dr. Wood expressed guarded confidence that the sum of \$100,000. might be granted. Dr. Wood explained the details of the application. Biochemistry and Pathology projects would continue somewhat as in the past but with the addition in Pathology of investigations having to do with carcinogenic effects of nutritional deficiencies in rhesus monkeys. Another small component will be added in Cytology, continuing Dr. Seymour Farber's work with the effect of trypsin aerosol inhalations and other agents on exfoliated bronchial epithelial cells. Dr. Farber and his group have noted rapidly developing bizarre metaplastic changes in exfoliated bronchial cells incident to trypsin aerosol inhalations and feel that these studies should be expanded. Salary is being requested for one person -- a Laboratory Technician or Research Assistant (depending on classification by Personnel). There is a considerable increase - from \$12,000. to \$25,000. in the amount requested for the Clinical Research Bed Fund. Dr. Wood said that the following projects (previously approved by the Cancer Board) would be supported by the Clinical Bed Fund:

- 1) Hormonal influences on neoplastic disease to be studied clinically on suitable cases by:

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- a) Hypophysectomy for widespread malignancy
- b) Bilateral adrenalectomy and variants thereof for advanced mammary carcinoma.
- c) Evaluation of various chemo-or radio-therapeutic agents in conjunction with (b) in the treatment of advanced mammary cancer.
- d) Hormonal control of advanced prostatic cancer

ii) Tissue Transplant Studies:

- a) Transplantation of malignant gliomas and medulloblastoma to the brain of various animals (support for animal maintenance only)
- b) Fetal adrenalectomy

cc: Dr. E. B. Boldrey

Cancer Board Minutes
10 June 1953

Please insert the following paragraph on page two, following "Dr. Shimkin commented. . . . evaluation of its effectiveness." :-

Dr. Low-Beer informed the Board of the salient features of the work which has been done in cooperation with Drs. Bell and McCorkle concerning postoperative treatment of breast cancer with x-rays and radioactive phosphorus. While in the past only Stage II and III cases were treated, now they intend to include a number of Stage I cases also, in order to reach a valid statistical analysis.

("Dr. Shimkin said that in his opinion. . . .")

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- a) Hypophysectomy for widespread malignancy
- b) Bilateral adrenalectomy and variants thereof for advanced mammary carcinoma.
- c) Evaluation of various chemo-or radio-therapeutic agents in conjunction with (b) in the treatment of advanced mammary cancer.
- d) Hormonal control of advanced prostatic cancer

ii) Tissue Transplant Studies:

- a) Transplantation of malignant gliomas and medulloblastoma to the brain of various animals (support for animal maintenance only)
- b) Fetal adrenocortical transplantation in childhood leukemia
- c) Autotransplantation of adrenocortical tissue into the spleen in an effort to divert its secretions into the portal system.

iii) Radiological Studies:

- a) Extrapleural mediastinal pneumography
- b) Radioiodine in thyroid carcinoma
- c) Radioactive phosphorus in breast carcinoma in patients who have undergone adrenalectomy
- d) Hospitalization of patients for treatment and study, in the use of 70 MEV Synchrotron

Dr. Shimkin commented that Dr. Low-Bear had been doing considerable work with radioactive phosphorus. Discussion followed on the use of phosphorus and evaluation of its effectiveness.

Dr. Shimkin said that in his opinion, it would be extremely important and desirable to run a series in which every candidate for radical mastectomy would be treated with radioactive phosphorus.

Dr. Bell expressed the hope that eventually every patient undergoing radical mastectomy would be so treated, but described the difficulty of controlling such treatment in private patients.

On a motion by Dr. Brainerd, the renewal application was unanimously approved.

III. New Business

i) Dr. Wood informed the Board that NCI has recently notified us that two current grants will soon be due for renewal and that in each instance the deadline for submission of renewal applications will be August 1, 1953, in order to receive consider-

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ation by the National Advisory Cancer Council at its meeting November 20, 1953.

a) CS-786 (Cytology Training Grant) will terminate December 31, 1953. It has been in the amount of about \$14,700 (\$22,051 for the 18-months period.) Renewal of this grant is most desirable, especially in view of curtailment of our State Contract for support of Cytological case-finding in Institutionalized patients.

b) CS-1020 (\$27,420. - "Evaluation of Cancer Learning in Medical Schools"), terminating January 31, 1954.

CS-1020 (C4) will require further discussion. If Cancer Control Branch of the NCI wishes the same type of study to continue, we may prefer it to be on a service basis to the various Universities concerned. In such an event, there might be a question as to whether UC or some other group should do the work. Dr. Bierman's leaving poses an additional problem. The Cancer Co-ordinators at their meeting in October are anxious to have a rather extensive discussion of the results obtained from the examinations carried out in the various schools. Dr. Bell suggested that further consideration of the problem incident to this grant might be made at a later date.

IV For information:

i) Dr. Wood reviewed the action taken by the House of Representatives on the 1954 budget May 26, 1953. It is thought that the Budget in its present form will receive favorable action by the Senate. The severe cuts indicated by the Bureau of the Budget in April have been largely restored, so that in actuality the 1954 budget will be slightly higher than in 1953.

ii) Important from the University of California point of view are:

- a) Trainee stipends have been replaced in the full amount
- b) The proposed cut in Undergraduate Cancer Teaching grants has been restored
- c) Grants to States, however, had taken a severe cut, amounting to about 25%, but this (\$800,000) had been added to research projects (grants-in-aid). This may affect UC to a minor degree. The State Grant for continuation of the Cytology case-finding Survey in Institutionalized Patients may have to be dropped. (Dr. Wood discussed this with Dr. Ellis in the absence of Dr. Breslow. Vertical cuts are planned, rather than horizontal. Thus, support of the General Tumor Registry - \$2.75 per case unit of reportable neoplasm - will continue, and our present application for \$5,167.25 will probably not be jeopardized. However, there is another area which may be affected. This pertains to Fellowships for technicians enrolled for training in the Cytology course which is to be given next September. All such candidates are counting on their fellowships. The State of California has been making available fellowships in the amount of \$150. per month for four months for each student. Dr. Wood and Dr. Moon have a very good group of candidates for the Fall and the amount necessary for their training fellowships would be a little over \$4,000. A further problem would be that of renewal of our Cytology Training Grant from the NCI in event no students would be enrolled as a result of discontinuance of training fellowships by the State.

ii) National Advisory Cancer Council will meet three times yearly in the future, not twice, as recently planned.

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iii) Dr. Wood reported that he had talked with Dr. Heller in New York City, Friday June 5th, concerning various problems here. There seems to be little probability that the LEO (Laboratory Unit) will be continued after 1 July 1954, but more information on this point is expected within the next few months. Dr. Heller will visit San Francisco in August and may have more definite information at that time. Dr. Heller is optimistic concerning our current application C-2085 - "Clinical Cancer Research with Emphasis upon Experimental Therapy and Patho-Physiology" to be considered later this month by the N. A. C. C.

As regards equipment at L. E. O., Dr. Wood is to prepare an amendment to C-2085 requesting funds to purchase items from the list of those "declared surplus" which we might want (such as the Fluoroscope and Bovie Units) and other items which may be surveyed eventually if and when the Laboratory Unit at LEO is discontinued. Some of these items may have to be purchased new as replacements. Prices of fluoroscope, Bovie Unit, etc., can be readily estimated, but other items have been purchased at different dates with resultant variation in values incident to depreciation. Dr. Shimkin is unable to provide realistic figures on these items quickly.

Dr. Wood plans to indicate in the amendment at this time only those items already surveyed. (Dr. Heller had made it clear that disposition of surplus equipment has been carried out in accordance with established governmental regulations and policies which emanate at a level higher than either Dr. Heller or the Surgeon-General. He felt that the formula proposed in the submission of an amendment was proper and would suffice.)

Dr. Shimkin: No comment. The fluoroscope is already in Seattle and Bovie Unit being prepared for shipment to NCI.

In the discussion which followed, it was noted that the application and amendment must be in Washington for consideration simultaneously by the NCI and that the funds, if granted, could be used to purchase equipment.

iv) The recent ACS drive has met thus far this year with unprecedented success \$16,800,282. as of June 4, 1953. This is \$3,564,452. in excess of the amount raised on the same date last year and is a figure which tops the total 1952 figure \$362,097.49.

v) Dr. Wood read a letter from Mr. James S. Adams of New York, expressing appreciation as Vice-Chairman of the Board of Directors of the ACS to the University for the excellent consideration to the National Science Writers during their recent ACS-sponsored visit here April 16 and 17. (See appendix A)

V. Status of Dr. Galante and Dr. Frost.

Originally it had been planned that Dr. Frost would succeed Dr. Galante, when the latter was recalled to Military duty. However, effective 1 July 1953, the new Doctor Draft Law has altered the status of Dr. Galante and certain other Priority II members of the Hospital faculty who will now be placed in Priority IV (Veterans and not subject to induction until exhaustion, if ever, of the large Priority III pool). Accordingly, Dr. Wood requested approval to reappoint Dr. Galante Instructor in Surgery and Junior Research Surgeon. Dr. Frost will be appointed to succeed Dr.

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Henry S. Moon. In reply to Dr. Greenberg's question, Dr. Wood said that Dr. Frost (Instructor in Pathology and Junior Research Pathologist) will be in charge of the Cytology Laboratory. Dr. Moon, however, will continue to hold dual appointments in Pathology and the Cancer Research Institute, but without CRI salary. Dr. Wood said Dr. Moon will assume overall responsibility for the Cytology Laboratory and the Cytology Training program. Dr. Frost will check professional competence of workers and be responsible for such duties in cytology as will be delegated to him by Dr. Moon and Dr. Moon. Dr. Frost's job description will include duties other than those in Cytology.

On a motion of Dr. Low-Beer, seconded by Dr. Greenberg, the Board approved Dr. Galante's continued appointment.

On a motion of Dr. Greenberg, seconded by Dr. Low-Beer, Dr. Frost's appointment was approved as outlined.

VI. Preliminary Consideration of Cancer Research Institute Budget for 1954-55.

Dr. Wood brought to the attention of the Board the fact that this week a request had been received to prepare the 1954-55 budget and to have it in final form by June 22nd. The short time interval presents handicaps as regards full consideration of the budget by the Cancer Board. However, Dr. Wood reviewed briefly the 1954-55 budget forecast which he had prepared last autumn. It is now estimated that there will be an increase for academic personnel in the amount of about \$35,000. (for use in the new building -- one Professor, three Assistant Professors, one Instructor, one half-time Biostatistician and a half-time Graduate Research Biostatistician); Non-Academic \$18,000.; General Assistance \$1,000.; Equipment and Facilities \$1,000.; Special Items (including cost of moving LEO, \$1,200. and support of 20 clinical research beds for six months at \$27.00/day, \$153,400.) \$154,600.

Thus there would be an increase of approximately \$193,000. over last year's budget. Although clinical bed funds might be available from the ACS Institutional Grant and the pending NCI grant, such funds at the most would cover cost of only seven beds.

Discussion followed on advantages of a "Citizens Committee" to promote through channels additional support from the Legislature for Cancer Research. Dr. Wood explained that our problem was support of research rather than service beds (which involve different financing). Dr. Wood pointed out that in accepting the grant for 12th floor construction, the University had implied acceptance of responsibility for financing beds for clinical investigation.

On a motion by Dr. Greenberg seconded by Dr. Low-Beer, the budget forecast was approved.

VII. Adjournment: 1:25 P

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AMERICAN CANCER SOCIETY INC.

David A. Wood
University of California Hospital
San Francisco, California

Dear Dr. Wood:

Pat. McGowan is a member of the American Cancer Society who has been
researching cancer for many years. She has written a book on the
the University of California Hospital.

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UNIVERSITY OF CALIFORNIA SCHOOL OF MEDICINE
CANCER RESEARCH INSTITUTE

Application for Cancer Research Grant

(Fourteen copies to be filed with the Cancer Research Institute for approval by the Cancer Board. Please fill out entire form. Submit detailed plan of project and budget on separate sheets)

Name: Maurice E Leonard
Jonah G. Li Fiscal year: 1953-54

Department: Medicine Amount requested: \$3900

Amount received from research funds, preceding fiscal year: \$3300

Title of Project: To Establish the Growth Rate of Cells in Acute Granulocytic Leukemia by Measurement on DNA Phosphorus in Cell Cultures

Proposed Allocation of Grant:

Salaried Assistants: \$3720 Expendable Supplies: \$ 180

General Assistance: _____ Miscellaneous: _____

Permanent Equipment: _____

Additional Support from outside sources for this project (state amount, nature, and source of such support, if any): Application being made to NIH, USPHS. If

application granted above funds requested for 6 months only.

(Received in preceding fiscal year)

None

(Anticipated for fiscal year for which application is being made)

Total support from outside foundation, USPHS, etc. for any other research in which the principal investigator is engaged:

None

(Received in preceding fiscal year)

None

(Anticipated for fiscal year for which application is being made)

Jonah G. Li, M.D.
(Signature of joint applicant)

Asst Prof. in Med & Prev. Med.
(Title)

June 16, 1953.
(Date)

Maurice E Leonard
(Signature of applicant)

Assoc. Clin. Prof. of Medicine.
(Title)

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