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LOBUND Advisory Committee

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Third Meeting
22 January 1953
Morris Inn
Notre Dame, Indiana

Members: George Brocher (NEH), Eugene Cronkite (MARI), Charles Dunham (SEC),
R. F. Erwin (LOBUND), Helmut Gordon (LOBUND), Joe Holland (U. of Rochester),
George LaRoy (U. of Chicago), Thomas Luckey (LOBUND), C. Phillip Miller (U. of
Chicago), Roger Reid (ONR), James Reyniers (LOBUND), William Scruggs (LOBUND),
C. W. Shilling (ONR), Philip Trexler (LOBUND), Morris Wagner (LOBUND).

Time of Meeting: 9:30 A.M. to 3:15 P.M. (including lunch hour).

Summary of the Meeting: James A. Reyniers served as chairman and each member was given a copy of the Progress Report to date prepared by the LOBUND staff. H. A. Gordon of LOBUND went over the data with the members of the Committee while various details were supplied by other members of LOBUND Institute. While there was considerable discussion on many phases of this project and upon the Progress Report, the following conclusions were in order:

Conclusions:

1. Additional animals in the 400 and 600 r range are to be run along with controls. It was believed that six additional germ-free animals in each of these groups would probably be sufficient to make the results significant. If the individual experiments contain six or more germ-free animals, they should be equally divided between 400 and 600 r. Survival is to be observed to 30 days only. Depending upon the results with these additional animals, the exact number to be run will be determined by LOBUND.
2. The following observations and studies will be omitted from the experiments planned in (1) above: diarrhea, agonal period, bodyweight, hematology and prothrombin time.
3. The 800 r group is completed and the results are significant.
4. The hemorrhagic patterns should be more closely studied by comparing paired killings of irradiated germ-free and irradiated conventional rats. Colored photographs of these findings should be obtained if at all possible.
5. No deliberately contaminated experiments should be run until the 400 and 600 r groups with germ-free animals are completed.
6. All radiation experiments on accidentally contaminated animals should begin 14 days after a positive culture is obtained. Histological examinations should be carried out on these animals.
7. Further work on the use of streptomycin in rats is not indicated.
8. It was agreed that until the 400 and 600 r germ-free groups are completed that a specific recommendation from the Committee for future experiments should be held in abeyance.

Minutes by R. F. Erwin

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