

OAK RIDGE NATIONAL LABORATORY 404774  
OPERATED BY  
CARBIDE AND CARBON CHEMICALS COMPANY  
A DIVISION OF UNION CARBIDE AND CARBON CORPORATION



POST OFFICE BOX P  
OAK RIDGE, TENN.

November 15, 1951

Dr. Shields Warren, Director  
Division of Biology and Medicine  
U. S. Atomic Energy Commission  
1901 Constitution Avenue  
Washington 25, D. C.

BEST COPY AVAILABLE

Dear Dr. Warren:

We are planning to hold another Biology Research Conference in Oak Ridge on April 10 and 11, 1952. The discussions to take place will deal with the effects of radiation on microbial metabolism.

It is planned to invite ten to fifteen outstanding scientists who will discuss problems or lead the discussions.

The meeting will last from two to two and one-half days. It is estimated that the expenses of this meeting will be between \$2000 and \$3000. The actual expenses of the 1951 meeting was \$1500.

It is hoped that the proceedings will be published in monograph form. The status of the proceedings of other research conferences is as follows:

1. Radiation Genetics, 1948 (proceedings appeared as a supplement to the Journal of Cellular and Comparative Physiology, Vol. 35, Suppl. 1, June 1950).
2. Radiation Microbiology and Biochemistry, 1949, accepted for publication by the Journal of Cellular and Comparative Physiology.
3. Current Problems in Nucleic Acid Chemistry, 1950 (appeared as a supplement to the Journal of Cellular and Comparative Physiology, Vol. 38, Suppl. 1, July, 1951).
4. Physiological Effects of Radiation at the Cellular Level, 1951 - all manuscripts in and ready for editing.

A tentative program is enclosed, and your approval of the 1952 conference will be greatly appreciated.

Sincerely yours,

Alexander Hellander  
Biology Division

AM:m  
Encl. 1  
cc: C. E. Larson  
C. E. Center  
F. B. Pearson  
S. Shoup  
H. Woodruff

DOE ARCHIVES

BIOLOGY INFORMATION MEETING

SPRING, 1952

MICROBIAL METABOLISM

Thursday, April 10

A. M. 1. C. B. van Niel, Stanford University

Introduction

2. W. W. Umbreit, Merck Institute  
C<sub>6</sub> and C<sub>7</sub> compounds in respiratory cycles.

P.M. Convenor: Fritz Lipmann, Massachusetts General Hospital

Subjects: Acetyl coenzymes, transacetylases  
and keto acid oxidases

3. G. D. Novelli, Massachusetts General Hospital

4. Earl Stadtman, National Institutes of Health

5. I. C. Gunsalus, University of Illinois

Evening:

Radiation Round Table, A. Hollaender  
Followed by Smoker

Friday, April 11

A.M. New Pathways in the breakdown of carbohydrates.

6. W. A. Wood, University of Illinois

7. R. D. DeMoss, Brookhaven National Lab.

8. B. Horecker, National Institutes of Health

P.M. 9. J. O. Lampen, Western Reserve University  
Pentose Metabolism

10. M. Friedkin, Washington University  
Purines and pyrimidines

11. J. Totter, University of Arkansas  
Pteroyl derivatives, Vitamin B<sub>12</sub> etc.

*isoptins*

DOE ARCHIVES