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September 23, 1960

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**SUGGESTIONS FOR AGENDA OF ACBM MEETING, UNIVERSITY
OF ROCHESTER**

SYMBOL: BMM:JFB

As one of the University of Rochester Atomic Energy Project's severest critics and staunchest defenders, I feel that the Project should make the best possible presentation of its program to the Advisory Committee for Biology and Medicine.

The mere recitation of past accomplishments will be of little value to the Committee or the Division. I am therefore taking the liberty of presenting some rough thoughts for the first day's agenda. I realize that Dr. Blair and his staff are also planning an agenda, but I fear that the agenda may devote too much time to minor areas such as the flash burn program and the binucleated lymphocyte. I am therefore suggesting:

1. That the President of the University (a historian) give a talk on the University relationships with AEC programs. (AEC funds provide 15% of the total operating budget of the entire University, including the School of Music, etc.)
2. That the Dean of the School of Medicine be asked to comment on the relationship of the Department of Radiation Biology to the Medical School and how it fits in with the Medical School's teaching program in radiation biology. (Radiation Biology is the largest department in the Medical School.)
3. That the Dean of the Graduate School (and I don't mean Newell Stannard as a substitute) comment on the graduate program of the Department of Radiation Biology in relation to the graduate program of the University.
4. That Dr. Newell Stannard should then speak concerning the participation of the Department of Radiation Biology in the graduate program of the Medical Center and the performance of the specific AEC fellowship programs.

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These should all be short talks--no more than 15 or 20 minutes each. Dr. Blair might then give a brief description of the Project and its organization, research philosophy, and objectives.

I would strongly recommend that the following scientific papers be presented to the Committee by Project staff:

1. A ten-year summary of the flash burn program and what it has accomplished. (This should also be available as a written UR report.)
2. A summary of the uranium toxicity program, with emphasis on the current five-year inhalation program. (Maynard or Neuman)
3. A summary of the thorium toxicity program, with emphasis on the work now in progress and that proposed for the next two or three years. (Maynard or Neuman)
4. A summary of the basic studies in retention, distribution and movement of aerosols in the lung. (Morrow)
5. A summary of the experimental cancer therapy program using I^{131} -labeled antibodies. (Bale)
6. A summary of the long-term dog fertility program (to be given by Casarett, not Hursh).
7. A summary of the Sr^{90} internal emitter program. (Tuttle)
8. A summary of the human radium and thorium studies and other studies utilizing the whole body counter. (Hursh)
9. Other chemical toxicity studies, including mercury. (Rothstein)
10. The binucleate lymphocyte story (absolutely restricted to 15 minutes). (Ingram)
11. The Lockport accident cases (again absolutely limited to 15 minutes). (Howland)

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In addition, I would like to suggest that two papers be presented by people outside the Atomic Energy Project, Hempelmann and DiStefano. I believe that Hempelmann's studies may well prove to be one of the most valuable studies of the effects of radiation in infancy and childhood. DiStefano's work on the pharmacology of AET and its derivatives is one of the few studies along this line, and I believe that this line of approach is one which we must emphasize and expand in the radio-protective area. I am preparing a brief review of the subject and would be happy to give it, but DiStefano is a professional pharmacologist and should therefore do a much more competent job.

I am convinced that it is very important that the ACBM receive a good picture of the two prime areas of competence in the University of Rochester Atomic Energy Project: (1) chemical and radiation toxicity; (2) the educational program.

Although the Project has the largest educational program of any on-site installation, I do not believe the ACBM has a clear concept of the present and potential importance of this program to the AEC. There have been and still are several serious deficiencies in the senior staff of the Project, particularly in basic discipline. However, a strong effort is being made to correct these deficiencies.

The program should be planned to emphasize the unique position of the University of Rochester Project in the DBM family and to give encouragement to the Rochester people, particularly the University administration, to look beyond the strictly programmatic interests of DBM and plan a progressive program of basic and applied studies in radiation effects.

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