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E. M. KROTH, *Research Assistant*

July 25, 1944

Dr. G. Occhialini  
Laboratorio de Biofisica  
Faculdade de Medicina  
Rio de Janeiro  
Brazil

Dear Dr. Occhialini:

Dr. Le Blond of McGill University has just informed us that you might conceivably be interested in an opportunity to conduct research here at Ohio State University in your special field with Wilson chambers and ionization chambers. Dr. L. Emo and I are at present constructing a 4 million volt betatron preparatory to the construction of a substantially larger betatron - perhaps 40 million volts. We expect to have the 4 million volt machine in operation within about two months. You are, of course, aware of the preliminary work which has been done by Kerst at the University of Illinois and which has been described in the literature. (See the enclosed list of references.) The betatron has significant applications in physics, medicine, biology, and industry; and we are sure you will share our enthusiasm for the project which is now under development here.

If the setup here appeals to you, and we sincerely hope it does, would you be kind enough to present this letter as our formal request for your services to the director of the Rockefeller Foundation there in Rio de Janeiro and to ask him if he would consider the possibility of the Rockefeller Foundation's providing travel expenses and a stipend to cover your initial period here? Because of the remarkable possibilities of the betatron for cancer control, which we propose to explore, it appears likely that the Rockefeller Foundation will be favorably inclined to lend its support.



Dr. Occhialini  
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Emo and I feel confident that after you will have been here for a reasonable time we shall be able to make some arrangements with the University administration for a permanent position for you if that is to your liking.

The enclosed pamphlet will give you some idea of other resources which are available in the University's Radiation Laboratory of which our betatron laboratory is a part.

Would you please let us know soon how you feel about this matter? If you are interested, we shall be pleased to take such further steps as we can to expedite your coming here. Please feel free to wire us collect in order to save time which would otherwise be required for mail correspondence.

Yours very truly,

*Theodore J. Wang*

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