

26 JUL 1966

SHBRX

AIR1.941230.002h

Monitoring Trip, Contract AFG1(052)816

SMBRX (Dr. Anderson)
SMBR (Lt Col Ballinger)
SNB
SMSPP

1. Undersigned officer conducted a monitoring with Dr. Donald R. Anderson to Paris, France to monitor AF contract 61(052)816. The Principle Investigator - Professor George Mathé.
2. Dr. Anderson and I visited the laboratories and hospital facilities on the 4th of July 1966. Dr. George Mathé and his colleagues conducted us on a tour of the facilities located in the hospital Paul-Brousse which included facilities for the study of leukemia in humans, cell transplantation in humans and supportive animal work in rodents and monkeys. A luncheon seminar and discussion was held in which various aspects of the problems under investigation were discussed and Dr. Anderson presented material on the findings which resulted from his investigation on bone marrow transplantation and the use of immuno-suppressive drugs.
3. The opinion of this officer is that this contract is progressing extremely well; the facilities are modern and well appointed; the staff is large and appears highly motivated and competent.

Contract Files

SIGNED

GEORGE S. MELVILLE, JR., Major, USAF
Chief, Modification Effects Unit
Experimental Radiobiology Section, SMBR

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Attachment #3

Trip Report dated 12 August 1964

Discussions Between: Dr. J. L. Amiel, Dr. L. Schmartzenberg, Paris, and
Lt. Col. W. Ashley, EOAR, Dr. Marianne Johnson, EOAR,
Lt. Col. W. Johnson, EOAR

Date and Place: 5 August 1964, Gustave Roussy Institute, 16 bis Avenue
Paul Vaillant Couturier, Ville-Juif, Paris, France and
Center for Cancerological and Radiopathological Research
of the Claude Bernard Association, Saint-Louis Hospital,
Paris, France

Subject: Research on bone marrow transplantation following whole
body irradiation being pursued under contract
AF61(052)-816.

1. Professor Mathe, the principal investigator, was on leave and so we were received by his Chief Assistant, Dr. J. Amiel. We also met and discussed various features of the program with two other assistants, Dr. A. Cattani and Dr. L. Schwarzenberg.
2. First, Dr. Amiel discussed the background for the research being performed under contract AF61(052)-816; in brief, 1) The effects of massive whole-body irradiation, 2) bone marrow transplantation as a remedy against the effects of irradiation, 3) The treatment of the secondary syndrome, the adverse immunological response of the donor bone marrow cells against the recipients system.
3. Next, we visited the clinical wards of the hemotological service of the Gustave Roussy Institute, where Professor Mathe is Chief. These wards were located on three different floors and contained room for fifty patients. They were very clean, neat and psychologically pleasant. The patients treated on the hematological service suffer from some malady of the blood; most of the cases are leukemia and Hodgekin's disease.
4. We next visited a suite of rooms on the ground floor where patients are treated for severe leukemia by whole body irradiation and bone marrow transplant. When a patient is being treated, this suite is kept as sterile as possible. A doctor and a nurse live in the suite with the patient and contact with the rest of the hospital is maintained through double-doors in a corridor leading to the suite. Treatment of a single patient may run for many weeks and many hospital personnel are necessarily tied up for long periods in support of the treatment of a single case.
5. We then visited a building still under construction. This building is being built as a combination treatment facility and experimental laboratory for Professor Mathe. The ground floor will have fine isolation rooms where leukemia patients can be treated by irradiation and bone marrow transplantation. The upper floors will contain the laboratories.

6. We were introduced to Dr. La Lanne who directs the radiotherapy division and saw the set-up for whole body irradiation. The leukemia patients receive 800 roentgens in two doses of 400 roentgens, 12 hours apart; each of these doses is given at five roentgens per minute.

7. Next we visited the animal research facilities at the Saint-Louis Hospital in Paris. Here Professor Mathe's group does cancer research on mice. These facilities were very crowded. The workers here will move to the new laboratory facilities at Ville-Juif as soon as that building is completed.

8. I had met Professor Mathe on another occasion and he was very dynamic. Dr. J. Amiel, his Chief Assistant, and the other members of his research team that I met on this visit were enthusiastic about their work and appeared extremely capable.

cc: Dr. D. Anderson, SAM