

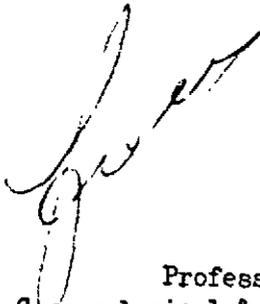
ADMINISTRATIVE REPORT

NUMBER 1

Period covered : 1 July 1964 - 31 July 1964

Title " Control of Secondary Syndrome following whole body irradiation treatment with bone marrow transplants".

The research reported in this document has been sponsored by, or in part by, The United States Government. This report is intended only for the internal management uses of the contractor and the U.S. Government.



Professor Georges MATHE
Center for Cancerological & Radiopathological
Research of the Claude Bernard Association
St. Louis Hospital, Paris, France.

AR#1

a) During this period, that represents the starting point of these investigations, an experiment was begun concerning the preventive treatment of the secondary syndrome.

We previously demonstrated that conservation of the cells during two hours at 37° alters the immunologically competent cells without effecting the myeloid cells.

It is expedient to find out which of the cells of the lymphoid population are altered in this way.

It is already known that the population of lymphoid cells consists essentially of lymphocytes and histiomonocytes, for this reason it has been chosen to study the blood, and the effect of conservation on these two types of cells that are easy to separate.

It is too early yet to give an account of any results. We should simply like to note that we have already had the surprise of observing the presence of hyperbasophil cells.

b) No particular difficulties.

c) State research plans for the next period : To pursue the study of the cells responsible for the reaction of the graft against the host and their sensitiveness to various agressions. Attempt in devising a test enabling one to study the effect of antimitotics on these cells. Attempt at replacing the test "in vivo" that is in use by a test "in vitro" that is simpler and less costly.

d) No inventions.

e) Conference of the Centre National de la Recherche Scientifique on the Grafting of Hematopoietic Allogenic Cells.

REPORT INVOICE

Date : 1 July 1964 - 31 July 1964

CONTRACT N° AF 61 (052) 816

Professor Georges MATHE
Center for Cancerological and Radiopathological
Research of the Claude Bernard Association
St-Louis Hospital, Paris, France.

European Office
Office of Aerospace Research
Shell Building, 47 Cantersteen
BRUSSELS

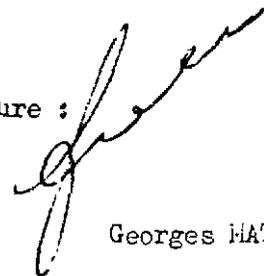
Belgium

Administrative report AR N° 1 covering the period : 1 July 1964 through 31 July 1964

TOTAL COST \$ 730

I certify that the above bill is correct and just and the
payment therefore has not been received.

Signature :



Georges MATHE

EUROPEAN OFFICE OF AEROSPACE RESEARCH
United States Air Force
APO 667, New York, N.Y.

Reply to ERTB
Attn of:

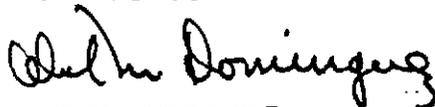
28 September 1964

SUBJECT: Transmittal of Administrative Report # 1
Contract AF61(052)-816 (Mathe)

TO: School of Aerospace Medicine (SMBM)
Brooks AFB, Texas

Transmitted herewith are four copies of
Administrative Report # 1 covering the
issued under contract period 1 through 31 July 1964.

FOR THE COMMANDER



ABEL M. DOMINGUEZ
Captain, USAF, MSC
Project Officer
Biosciences Division

1 Atch
a/s

1 JULY - 31 JULY 1964

I - PERSONNEL (Social charges included)

Technical Assistant	1.290,71
Livestock Assistant	789,18
	<hr/>
	2.079,89

II - Material and supplies

Chemical, glassware, etc..	1.492,69
(Invoice annexed)	<hr/>
Total :	<u>3.572,58</u>

Exchange : 1 \$ = 4.90 F.

Total : \$ 730