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WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

1201

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Duplicate of Telephoned Telegram (40).

SY HTA062 LONG PD=NORTHPORT NY 2 440PME= 1957 SEP 2 PM 4 42
 LEO SZILARD ENRICO FERMI INSTITUTUE OF NUCLEOUS
 STUDIES UNIVERSITY OF CHICAGO=CHGO=

READ YOUR EXCELLENT LETTER IN NEWYORK TIMES TODAY
 I ALSO WONDER HOW MUCH LONGER THE PHYSCIAN CAN USE
 PREATOMIC MEDICINE AND IGNORE THE MICROBIAL PRINCIPALS
 IN USING ANTIBIOTICS AND FURTHER SPREADING ABOUT THE
 WORLD BACTERIAL MUTANTS. PAPER BY VERNON BRYSON AND
 MYSELF WITH LETTER TO FOLLOW=

EDWIN J GRACE=

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was referred to NY-3-8601 - MCSP CP

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

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GRACE MEDICAL GROUP

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STERLING 3-6600

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CLINICAL PSYCHOLOGY

ARTHUR D. HAGGERTY, PH.D.

PODIATRY

LOUIS A. ALCHERMES, Pod.D.

September 4, 1957

Dr. Leo Szilard
The Enrico Fermi Institute of Nuclear Studies
University of Chicago, Chicago, Illinois

Dear Dr. Szilard:

I read your excellent letter in the New York Times today and I also wonder how much longer the government-held agencies and my profession will continue to conduct medical practice on the pre-atomic level and further spread bacterial mutants.

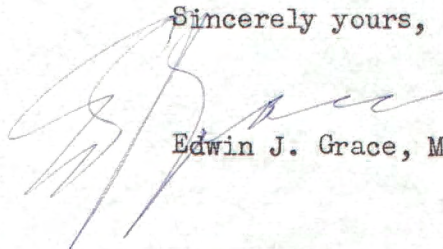
During the atomic research that led to the production of the bomb a close friend of mine, Dr. Vernon Bryson, was engaged in research on the physical and biological properties of aerosol for the Technical Division of Chemical Warfare. In coordinating my clinical experience in thoracic surgery to care for the war casualties, my surgical career was entirely changed because we found out many forms of mutilating surgery were unnecessary. Unfortunately, the medical commitments of Columbia, where this concept was to have been fulfilled clinically in accordance with microbiological concepts of Bryson and his associates, were not carried through, but an independent program was started by my associates and myself with the advice of the group at Cold Spring Harbor.* The cases with a ten-year follow-up will be reported at the International College of Surgeons meeting in Chicago next week, showing that with combination therapy, generally using a detergent solvent, bacterial resistant strains (mutants) can be prevented and many previously unconquerable forms of infectious diseases, including pulmonary tuberculosis, chronic osteomyelitis and chronic tubercular sinuses, are now curable with extremely simple medical procedures, without mutilating forms of surgery, and prolonged and expensive hospitalization.

Since this in essence is the result of data collected for the use of biological or gas warfare, but fortunately never used by us in this country, it will with further development most adequately fulfill biologically the moral responsibility of the most conscience stricken atom scientists noted by Dr. Glass at the recent meeting of the American Institute of Biological Sciences.

I shall be in Chicago on Tuesday, September 10th, to read a paper and participate in a panel on The Use and Misuse of Antibiotics, conducted at the Palmer House by the International College of Surgeons. I would appreciate an opportunity to see you and discuss with you what might be done to integrate chemotherapy and microbiological evolution with clinical practice, especially in our medical schools, at both the graduate and undergraduate level. I am herewith attaching a paper by Dr. Bryson and myself, and also some other publications. I particularly wish to bring to your attention the work of Dr. R. N. Mitra at the Calcutta Medical Center, who confirmed in detail our thinking at Cold Spring Harbor and noted that it is not necessary to amputate legs for some cases of osteomyelitis which of course has been done for hundreds of years. Dissemination of this medical philosophy on a microbiological level should stop our materialistic experiences that generally wind up with "yanks go home."

Looking forward with pleasure to the possibility of meeting with you in Chicago, I am

Sincerely yours,

A handwritten signature in dark ink, appearing to read 'E. J. Grace', written in a cursive style.

Edwin J. Grace, M. D.

* Carnegie Institution of Experimental Genetics of Washington; Long Island Biological Association.

EJG/K
Encs.

GENOP 13

September 6, 1957

Dr. Edwin J. Grace
Grace Medical Group
121 Fort Greene Place
Brooklyn 17, N.Y.

Dear Dr. Grace:

Many thanks for your kind letter of September 4th which I read with a good deal of interest. I am returning the reprint which you wanted back under separate cover.

I should very much like to see you but I am about to leave for Europe and am already overdue, and as a result of this I am completely tied up all of next week. Perhaps there will be another chance for us to meet some time.

Concerning the matter in which you are interested; viz., "the integration of chemotherapy and microbiological evolution with clinical practice, especially in medical schools", this is entirely out of my field and there is nothing that I could possibly do in this connection.

With best wishes,

Sincerely yours,

Leo Szilard