

Memorandum

Date May 8, 1986

From Chief, Laboratory of Tumor Cell Biology, DTP, DCT, NCI

Subject EM Photographs from Electro-Nucleonics

To Mr. Ronald E. Robertson, DHHS

Attached is a letter from John Lemp giving the dates of the first electron micrograph of aberrant particle. The material on the patient was received in our lab in February 83 and was attempted to be cultured by Dr. Popovic.

*Robert C. Gallo*  
Robert C. Gallo, M.D.

RCG/AHS/es

Attachment

cc: Mr. Thomas Byrnes  
Mr. Darrel Grinstead  
Mr. Leroy Randall  
Mr. John Roberts

ELECTRO-NUCLEONICS, INC.  
CELL SCIENCE LABORATORY  
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ELECTRO-NUCLEONICS®

December 11, 1985

Dr. Robert C. Gallo  
Chief, Laboratory of Tumor Cell Biology  
NCI/NIH  
Building 37, Room 6A-09  
Bethesda, MD 20892

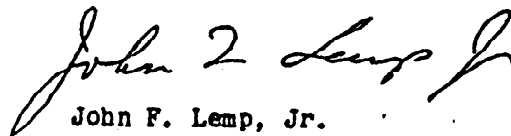
Dear Doctor Gallo:

Relative to my discussion with you and Dr. Striker about early HTLV cultures which we received from your laboratory for cultivation and EM, Dr. Kramarsky has found two thin, cell pellet sections (attached) which have aberrant morphology, neither HTLV-I nor HTLV-II.

Your Accession No. W3731 was received on May 9, 1983, from Ms. E. Richardson in your LTCB. Dr. Kramarsky prepared blocks from the infected cell pellet, and the EM photomicrographs #7083-4 and #7084-4 were actually finished on May 26, 1983, from the virus-infected cells received from NCI on May 9, 1983.

It was Electro-Nucleonics, Inc., commission at that time to receive possible HTLV isolates that came to your laboratory; to perform thin pellet-section EMs; to culture the infected cells in our laboratory in order to provide  $10^8$  cell packs for Dr. Wong-Staal; and to observe the culture for RT and virus-like particles in 1,000 X, centrifuge concentrates.

Sincerely yours,



John F. Lemp, Jr.  
Director, Cell Science Laboratory  
Registered Microbiologist, A.A.M.

Attachments: EM Micrographs #7083-4, 7084-4

cc: Dr. P. Fischinger ✓  
Dr. H. Striker  
Dr. B. Kramarsky

December 11, 1985

Dr. Robert C. Gallo  
Chief, Laboratory of Tumor Cell Biology  
NCI/NIH  
Building 37, Room 6A-09  
Bethesda, MD 20892

Dear Doctor Gallo:

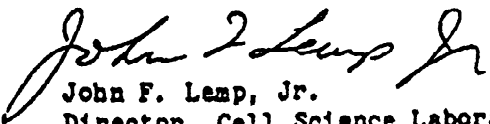
Relative to my discussion with you and Dr. Striker about early HTLV-III cultures which we received from your laboratory for cultivation and EM, Dr. Kramarsky has found two thin, cell pellet sections (attached) which appear to have morphologically-distinct HTLV-III virus.

Your Accession No. W3731 was received on May 9, 1983, from Ms. E. Richardson in your LTCB. Dr. Kramarsky prepared blocks from the infected cell pellet, and the EM photomicrographs #7083-4 and #7084-4 were actually finished on May 26, 1983.

It was Electro-Nucleonics, Inc., commission at that time to receive possible HTLV isolates that came to your laboratory; to perform thin pellet-section EMs; to culture the infected cells in our laboratory in order to provide  $10^8$  cell packs for Dr. Wong-Staal; and to observe the culture for RT and virus-like particles in 1,000 X, centrifuge concentrates. However, we were never able to maintain a successful culture of W3731 in vitro over the period of May 9 through July 20, 1983 -- possibly due to HTLV-III virus cytopathology (which we did not know at that time).

We also have a culture C103 + W3731 which is a human cord blood T-cell coculture with W3731. Since we were not able to maintain W3731 in culture, we are going to take C103 + W3731 out of our frozen seed stock repository and put it in culture again for: IFA observations versus AIDS (+) sera and BT<sub>2</sub> and BT<sub>3</sub> Habs, RT measurements, and additional thin cell pellet EM observations.

Sincerely yours,



John F. Lemp, Jr.  
Director, Cell Science Laboratory  
Registered Microbiologist, A.A.M.

Attachments: EM Micrographs #7083-4, 7084-4

cc: Dr. H. Striker  
Dr. B. Kramarsky  
Dr. C. Hung

