



Memorandum

Date September 21, 1986
From Sasha Arya
Subject HTLV-III/LAV Note Book Entries (Jan.-April, 1984)
To Dr. Bob Gallo

It is evident from my notebooks that from January through mid-April, 1984, I used LAV as a generic term (see "Entry List"). I was instructed by Mika in January to use this term. I continued to use it generically till mid-April for all preparations I received, regardless of the source, and identifying the sources by sub-designations. For example, even the preparations I received from Zaki in late March and early April, I entered as LAV (PZ)-even though I was told that the Phil-Zaki virus had a different source than Mika virus. On March 16th, when Mika and I worked together again on a virus preparation, he neglected to correct me or instruct me otherwise. He thinks that he probably gave me the virus preparation without any label or instruction, and I entered it as LAV, as would be customary for me to do. This is reasonable and possible.

The first time I used the term HTLV-III is on April 12, 1984, when I received a preparation from BioTech so labeled. The subsequent preparations from BioTech or Electronucleonics were labeled HTLV-III and I entered them in my notebooks as such. It is in April that Flossie and I drafted our homologies manuscript to Science which was submitted on May 1st, and when the need to use the proper scientific term (HTLV-III) rather than a generic term formally became necessary. Among my colleagues, it was Flossie who first instructed me on the use of the term HTLV-III. It may be noteworthy that on April 20, 1984, I used the terms HTLV-III, MOV, and LAV simultaneously for the same preparations which were originally entered as LAV (MOV) on March 29 and April 15. Since I was not involved in retrovirology prior to January 1984, it is perhaps not surprising that I continued to use the generic term till we wrote our paper or received preparations labeled HTLV-III.

I am providing the copies of my "Entry List" to Mika, Sarang, Bob Ting, Zaki, and Flossie so that they may help in tracing the lineage of the preparations I received.

-Sasha
9/22/86

HTLV-III/LAV ENTRIES IN ARYA LAB NOTEBOOKS:

Chronological Record for Jan-April, 1984

<u>Date</u> a) Virus Preps:	<u>Entered Disignation#</u>	<u>Used for</u>
Jan. 1/25/84	LAV/HTu(Bn-1) (Mika Virus)	Probe for HTLV homologies
Feb 2/24/84	LAV/HTu(Bn-2) Mika cell culture Pellet from Sarang	Probe for HTLV homologies, genomic screening?
March 3/16/84	LAV cDNA (3) 400 ml medium, HT4 cells Processed by Mika/SKA	Probe for HTLV homologies, genomic screening?
March 3/29/84	LAV (MOV) BioTech (#4 BT)	Probe for HTLV homologies, genomic screening, viral cDNA library
April 4/5/84	LAV (5BT) (MOV) Lot 5069-35-9	Viral cDNA C15 Library (Note, 65 85-Cat, etc.) C15
April 4/12/84	Ann Bodner Information Sheet lists Prep #4BT and 5BT only MO(V)	
March 3/30/84	LAV (#1 PZ) 6d Harvest Virus initially processed by George Shaw	Probe for HTLV homologies, Genomic screening
April 4/2/85	LAV (#2 PZ) 9d Harvest (#L84-26) (Assume from Bn)	Probe for HTLV homologies, genomic screening
April 4/4/86	LAV (#3PZ) 11d Harvest (1 ml from Bn)	No use recorded
April 4/6/84	LAV (#4PZ) 13d Harvest (1 ml from Bn)	No use recorded
April 4/9/84	LAV (#5PZ) (1 ml from Bn)	No use recorded
April 4/12/86	HTLV-IIIb (H9)-BioTech (This is #1 HTLV-III prep)	Probe for Screening
April 4/20/84	HTLV-III (MOV #4+5BT) cDNA library, LAV(4+5BT) (NOTE: simultaneous use of HTLV-III, MOV, LAV, for the same preps)	Viral cDNA library from stored RNA of virus prep #4BT and 5BT

May 8/9/84 HTLV-~~IV~~^{III} (H9) (#2 En) Viral cDNA library

Post April, 1984 All entries HTLV-III

b) Cell Packs

March 7/16/84 H4 and HTu/LAV cells (Mika) Virus-specific cell RNA characterization, mRNA library (no useful clones)

March 7/28/84 HT4/LAV (MOV) from BT-HT4/LAV (2BT) Virus-specific cell RNA characterization

* Notation on June 28-Mika, if LAV (MOV) should be HTLV-III~~A~~; on Aug 8-Mika, if cells should be HTLV cells infected with HTLV-III~~A~~/MOV

Post April, 1984 All entries HTLV-III

Bn, Bionetics; BT, BioTech; En, Electronucleonics; PZ, Phil-Zaki; Numbers, preparation number

- Notable Dates:
1. Homology paper submitted to Science, May 1, published, Aug. 31, 1984.
 2. Gallo/Zaki paper submitted to Science, March 30, published, April 19, 1984.