

NOV 30 1973



VETERANS ADMINISTRATION  
HOSPITAL  
3801 MIRANDA AVENUE  
PALO ALTO, CALIFORNIA 94304

November 28, 1973

IN REPLY  
REFER TO:

Dr. Joshua Lederberg  
Department of Genetics  
Stanford University School of Medicine  
Palo Alto, California 94305

Dear Dr. Lederberg:

I should be very pleased if you were able to obtain through the National Institutes of Health a GC/MS facility which could be shared jointly by members of the Stanford University faculty.

At present, I am being funded under grant DA-00424-01 for a study of the metabolism of marihuana. We have made significant progress in our methods of extracting metabolites, in isolating new ones by thin-layer chromatographic techniques, and by purifying them to some degree as determined by GLC. The big bottleneck has been the lack of ready access to a GC/MS set-up which would permit further characterization of the metabolites.

Our needs would be primarily for GC/low resolution MS, for which we have extensive need, perhaps the analysis of 15-25 samples per month. Depending on the outcome of these analyses, we might have 1 to 2 samples per month requiring GC/high resolution MS. We anticipate having little need for high resolution MS without GC because of the fact that our samples are isolated from complex mixtures and are nearly impossible to purify.

If there is any way in which I could assist in helping obtain such a facility for the University, please let me know.

Sincerely yours,

Leo E. Hollister, M.D.  
Associate Professor of Medicine

LEH:bh

*Show veteran's full name, VA file number, and social security number on all correspondence.*