

DEC 3 1973

DATE: November 30, 1973

TO : Joshua Lederberg, Department of Genetics  
Carl Djerassi, Department of Chemistry

FROM : Eugene D. Robin, M.D., Department of Respiratory Medicine

SUBJECT: Your memo of November 20, 1973 describing a proposed GC/HRMS facility.

I have applied to the NIH for a continuation of my research grant, Adaptations To  $O_2$  Depletion in which I have proposed to measure the redox state of  $NAD^+/NADH$  and  $NADP^+/NADPH$  by measuring the ratio of oxidized to reduced redox pairs using gas chromatography/mass spectrometry. These analyses will be conducted with the assistance of Drs. Alan Duffield and Wilfred Pereira of the Department of Genetics. I welcome the opportunity to have a GC/HRMS facility available on campus to support the GC/LRMS available in the department of genetics. The facility you propose to establish will be of importance to us in those instances where assignment of molecular composition to ionized fragments is crucial for mass spectral interpretation. I would anticipate using this service between one and two times a month.

Sincerely yours,



Eugene D. Robin, M.D.  
Professor of Medicine and Physiology

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