

Lead Industries Association

420 LEXINGTON AVENUE

NEW YORK 17, N. Y.

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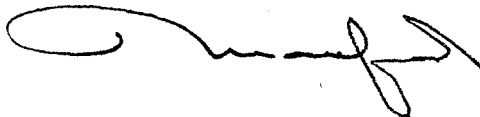
June 3, 1955

Robert A. Kehoe, M. D., Director
Kettering Laboratory of Applied Physiology
University of Cincinnati
College of Medicine
Eden Avenue
Cincinnati 19, Ohio

Dear Bob:

Again referring to the subject of my letter to you of May 24th, you may be interested in the enclosed copy of a letter from Dr. Norton Nelson commenting on the proposal in question.

Sincerely yours,



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C O P Y

NEW YORK UNIVERSITY-BELLEVUE MEDICAL CENTER

of New York University

INSTITUTE OF INDUSTRIAL MEDICINE

550 First Avenue
New York 16, N. Y.

June 1, 1955

Mr. Manfred Bowditch
Lead Industries Association
420 Lexington Avenue
New York 17, N. Y.

Dear Manfred:

I have read the enclosure contained in your letter of May 24 regarding a proposed study postulating lead toxicity arising from interference with Coenzyme A. I can give you only a casual opinion supplemented by an equally unbriefed opinion from several of my colleagues who are more knowing in enzymology than I.

An effect of lead on Coenzyme A through the sulfhydryl group is not implausible and it is possible that such an effect would be associated with pantothenic acid deficiency. It would, however, seem more logical to carry out in vitro and in vivo studies directed specifically at Coenzyme A inactivation before undertaking the study outlined.

Thanks for the material on Beta-Mercaptoethylamine.

With best regards, I am

Sincerely yours,

/s/ Norton

Norton Nelson

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