

November 1, 1967

Professor Enrico C. Vigliani
Clinica Del Lavoro "Luigi Devoto"
Via S. Barnaba, 8
Milano, Italy

Dear Enrico:

After quite some delay, occasioned by the heavy load of analytical work in the hands of Professor Cholak and his group, I am able to report to you the results obtained by the analyses of the samples which you sent in September. These were reported to my desk on October 16th, but since I've been out of town most of the time since (at two meetings as far apart as Rensselaerville, New York and Miami Beach, Florida), they have had to wait for my return.)

I enclose a copy of the report, in which the samples have been identified by our analytical numbers and also by your names and numbers. There was no chance, therefore, for any transposition.

You will note that our results on the blood and urine differ somewhat from yours, they are in general agreement within the limits of a reasonable analytical error. Two of them, Blood #2 and Urine #2 differ a bit more than they should, perhaps, but they are not too widely divergent to be acceptable for clinical purposes.

A comparison of the findings on the other materials, on the other hand, reveals a wide discrepancy. Only one of our results is near yours, that is the sugar, yours being 140 micrograms per Kg while ours is 180. All of the others are quite out of line. It would seem, therefore, either that the original material from which your samples and ours were taken are quite inhomogeneous, or that our method of preparation of these samples for analysis is entirely different from yours. It may be noted, however, that our results are considerably higher than yours. I have no way of knowing what this means, but certainly an explanation is required.

I suggest that, in the first instance, it may be helpful if you were to send me a complete, stepwise, description of your method of preparing materials of various kinds for analysis. We may be able to find some clue to the difficulty. After that has been explored, we shall see what else can be done.

I learned yesterday through a letter from Bob Eckardt, that you are to be in New York on or about November 17. I should like to see you, not because of any urgency about this or any other matter, but just to greet you again. I'm afraid that this is impossible, because of an engagement to lecture here on the 17th. However, I shall send a message to Bob in answer to certain queries which you have raised about the affairs of the International Association. Meanwhile, I extend my kindest regards.

Sincerely yours,

Robert A. Kehoe, M.D.
Professor Emeritus of

CLINICA DEL LAVORO "LUIGI DEVOTO"

DIRETTORE PROF. ENRICO C. VIGLIANI

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20122- MILANO September 18, 1967
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Dear Professor Kehoe,

Below are the results of the lead analyses made on duplicates of the samples we sent you on September 14 by air mail:

<u>Sample</u>	<u>Micrograms Pb per Kilogram</u>	
White flour	100	1000
Maize flour	70	700
Rice	70	700
Macaroni	80	800
Sugar	140	1400
Wine	172	1720

	<u>Micrograms Pb per 100 grams</u>	
Blood No. 1	44.2	442
Blood No. 2	42.6	426
Blood No. 3	42.1	421
Blood No. 4	44.5	445

	<u>Micrograms Pb per litre</u>	
Urine No. 1	44	50
Urine No. 2	46	60
Urine No. 3	34	30
Urine No. 4	43	50

Note: Blood samples No. 1 and 2 refer to the same individual and were taken at the same time. Urine samples No. 1 and 2 refer to the same individual and were taken from the same urine.

I look forward to hearing the results you obtained.

Yours sincerely,

Prof. Enrico C. Vigliani

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