February 16, 1943

Dr. H. H. Schrenk,
U. S. Bureau of Mines Experimental Station,
4800 Forbes Street,
Pittsburgh, Pennsylvania.

Dear Dr. Schrenk:

In response to your letter of February 5, I am sending you herewith a list of subjects and speakers which we offer for the program of the meeting in Rochester. I am entirely willing to leave it to the program committee as to which of these papers will be most acceptable. If you are short of program material, we could give all of them, although, of course, you will not want two papers from the same authors. (I refer here to the two offerings by Deichmann and his associates.)

Just a word of comment on these several papers for your benefit in making such selections as may suit your program.

The paper offered by Treon on the group of cyclic compounds represents for all practical purposes the completed results of a rather comprehensive study of these materials. You know quite as well as I and perhaps a great deal better, the practical importance of this subject at the present time.

The paper offered by Largent on the fluorides is more or less self explanatory, but it represents an estimation of the fluoride exposure in magnesium founding based on urinary excretion of fluoride.

The paper on pentachlorophenol, if chosen, will represent a discussion of the toxicity and mode of action of pentachlorophenol together with some reference to its fate in the animal organism and will be a general summary of our observations on this compound and its sodium salt.

The detoxification of organic compounds is the result of a study, by no means comprehensive, of certain mechanisms, particularly the conjugation of toxic compounds and radicals with glucuronic acid or with sulphate.

The paper which I am offeringhas to do with balance studies on a human subject, in an effort to determine the degree of absorption from the alimentary tract of three different aluminum compounds. Clinical observations on the subject have been

carried on along with the metabolic observations. I have chosen this subject rather than an extension of the work on the metabolism of lead, partly because the data on lead can not be worked up in time, and partly because I do not want to confine myself entirely to the subject of the lead metabolism.

I am very glad that the meeting is to be held and I heartily approve of the arrangements for combining the three meetings. I can ill afford to be away for four days, but the character of these meetings in the past has been such that I can ill afford to miss them. Therefore, I shall probably make it a point to be there the entire time.

With kindest personal regards,

Sincerely yours,

Robert A. Kehoe, M. D.

RAK ef

Enc.

Papers submitted for consideration
From The Kettering Laboratory of Applied Physiology

Program Committee - A.I.H.A. - May 1943

An Experimental Study on the Ingestion of Aluminum Compounds
by Robert A. Kehoe, Jacob Cholak, and Donald Hubbard

The Physiological Response of Animals to Cyclohexane, Methylcyclohexane and Certain Derivatives of these Compounds. II Inhalation
by Joseph F. Treon, William E. Crutchfield and Karl V. Kitzmiller

Exposure to Fluorides in Magnesium Founding and Its Significance
by Edward J. Largent

(1) The Toxicity and Behavior of Pentachlorophenol in the Animal Organism
by William Deichmann and Girard Thomas

(2) The detoxification of Organic Compounds by Conjugation with Sulfuric and Glucuronic Acids
by William Deichmann