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LONDON, S.W. 3.

E. Boyland, D.Sc.
Professor of Biochemistry

20th September 1961

Professor Robert Kehoe,
Department of Occupational Hygiene,
University of Cincinnati,
Ohio.

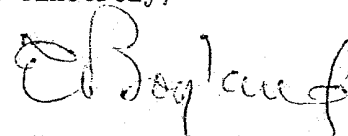
Dear Professor Kehoe,

For the past few years we have been carrying out experiments with lead and Dr. Dukes and I have confirmed other people's findings that the ingestion of lead by rats leads to the formation of carcinoma of the kidney.

It would therefore be of interest to know if exposure to lead has ever caused cancer in the human population. Although the tumours which we have observed have been limited to the kidney, it is possible that the action of lead ~~on~~ on other species might induce cancer at some other site or even leukaemia. An example of this is the dyestuff butter yellow which given to rats induced cancer of the liver, but in dogs induced cancer of the bladder.

If you know of any effects of the possible carcinogenic action of lead in man or could suggest how this might be obtained I should be very grateful.

yours sincerely,



E. Boyland

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