

MANUFACTURING CHEMISTS ASSOCIATION

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W. J. N.

AUG 12 1974

August 9, 1974

To: Technical Task Group on Vinyl Chloride Research
Subject: Dow Cytogenetic Studies on Industrial BIO-Test Rats

Gentlemen:

At the January 30, 1974 meeting of the Research Coordinators that body approved the request of Dow that appropriate bone marrow specimens from the experimental animals be made available to Dow for cytogenetic studies. Special handling and preparation costs incurred by IBT, and all costs of processing and evaluating the specimens, would be borne by Dow, which would be authorized to negotiate directly with IBT with respect to detailed arrangements. Upon completion of their studies, their results would be made available to the sponsors, and would be released for publication in the manner provided for the basic study.

The importance of this cytogenetic study is emphasized now that allegations are being made of increased incidence of chromosomal aberrations among vinyl chloride workers.

Specifically, Dow now asks that IBT be authorized to sacrifice five rats of each sex from each of the experimental groups TE-I, TE-II, and TE-III, and the control group (forty rats in all). As the method of sacrifice required for this study will limit the usefulness of certain tissues for the purposes of the basic study, and as these animals could then no longer be treated, statistically, as members of the experimental group to which they were originally assigned, some loss of statistical confidence in the results of the original experiment must be recognized. The added value of the cytogenetic studies, in the opinion of the Research Coordinators, far outweighs this consideration.

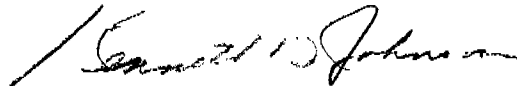
As the rats must be sacrificed during the period of their exposure regime (which ends September 10), the decision made by the Research Coordinators must be acted on by the full TTGVCR promptly. A response form is attached to this communication for your use in making your wishes known to MCA. Please let us have your response (by telephone if necessary) not later than August 26.

ASI 000018197

August 9, 1974

Dr. Torkelson will be on vacation until August 19, but will be pleased to further explain the rationale and procedures for their cytogenetic studies if you will call him on or after that date. In the interim, if you wish to call me, I will try to give you what further information I can.

Sincerely,



Kenneth D. Johnson, Ph.D.
Secretary
Technical Task Group on
Vinyl Chloride Research

KDJ/mb

Enclosure

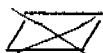
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Please return by August 26, 1974 to:

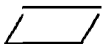
Dr. Kenneth D. Johnson
Manufacturing Chemists Association
1825 Connecticut Avenue, N.W.
Washington, D. C. 20009

MANUFACTURING CHEMISTS ASSOCIATION

TECHNICAL TASK GROUP ON VINYL CHLORIDE RESEARCH



I approve the recommendations of the Research Coordinators in regard to Dow's request for bone marrow specimens for cytogenetic studies, as recorded in the Minutes of the Meeting of the Research Coordinators for January 30, 1973, and as further described in your mailing of August 8, 1974. I understand that the costs associated with the preparation and evaluation of these tissues will be borne by Dow.



I disapprove this proposal.

Signed 
Name (typed) W. A. Knapp
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Telephone (201) 455-2814 ext.

8/9/74

ASI 000018199