

**LABORATORY OF MOLECULAR CARCINOGENESIS AND MUTAGENESIS
THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
CAMPUS BOX 7400
CHAPEL HILL, NC 27599**

FAX TRANSMISSION

TO: Dr. Hasmukh Sha

FAX NUMBER:703-741-6091

ADDRESS: Chemical Manufactures Association

FROM: Dr. James A. Swenberg's office

**TELEPHONE: (919) 966-6142 - Administrative Assistant
(919) 966-6139 - Dr. James A. Swenberg's office
(919) 966-6123 - FAX**

DATE: January 24, 1997

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COMMENTS:



THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL

The School of Public Health
Department of
Environmental Sciences and Engineering

The University of North Carolina at Chapel Hill
CB# 7400, Rosenau Hall
Chapel Hill, N.C. 27599-7400

January 24, 1997

Dr. Raymond Schroeder
Huntingdon Life Sciences
P.O. Box 2360
Mettlers Road
East Millstone, NJ 08875-2360

Dear Ray:

I have reviewed the protocol that you FAXed to me on 10 January 1997 and have a few comments. I have also spoken with Jim Knaak about it. From the standpoint of scheduling our studies, I am working with my staff to optimize our ability to perfuse as many animals per trip as possible. As we discussed on the telephone, this will require staggering the start-terminal sacrifice so that half of the animals are killed on one day and the other half on the next day. In addition, we will probably want to combine two studies to come down during one week. Know that I have the dates for 7 day per week exposures, I will develop a schedule to meet our needs and yours. Once we agree on the schedule, we can finalize that aspect. We are also discussing the feasibility of doing lower concentrations of [$^{13}\text{C}_2$]-VC after we complete the initial studies.

With regards to the protocol, there are only minor comments.

9.1 The "extra" animals will be distributed to all groups, including controls.

10.4.2 I would much prefer if we can avoid using 40% oxygen. The studies could be deemed not relevant to normal exposures.

11.2.3 and 11.2.4 Change "extra" pups to "extra" animals.

11.4 Urine should be stored frozen. It could also be collected on dry ice.

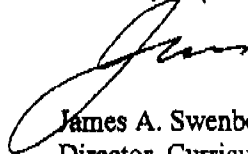
12.1.1 - 12.1.3 Change to "extra" dosed and control animals.

12.2following anesthesia with pentobarbital. Carbon dioxide will not provide adequate control for the perfusions.

CMA 121004

Please call me if you have any questions regarding this.

Sincerely,



James A. Swenberg, D.V.M., Ph.D.
Director, Curriculum in Toxicology
Professor, Environmental Sciences and
Engineering, and Pathology

cc by FAX: Dr. Hasmukh Shah
Dr. James Knaak

CMA 121005