

questions

1. - Rhesus for pilot study with ^{14}C
~ \$3000

2 - use cynomolgus for pilot
for toxicokinetic study, would
not need to be dose 2mg/kg

collect total
feces + urine for
initial period
- need quantitative
recovery.

3 chronic study

- dose form - treat gine daily
fruit
apple sauce
drink

- dosage

mg/kg/mo	0.5 mg/kg/mo	= 500 ppt
0.05 = 50 ppt		
0.5 = 500	(0.5 ppb)	
5.0 = 5000	(5.0 ppb)	

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C07459

7/16/80

John Ramsey (517) 636-0620

WANT good kinetic data
Compare Rhesus with Rat data

Believes chronic study premature

Do not use cynomolgus in ^{14}C distribution

TOO EXTENSIVE tissue GC-MS - only major
CONCENTRATE on ^{14}C excretion & kinetics

Dow would support modified and
substantially reduced effort.
Dow has been in contact with USH

Proposed primary summary submitted to Hoffman lab
9/8/80

- 1) good TCDD pharmacokinetic study to determine
absorption / elimination study.
Dow study - 3 dose levels
reduce tissue analysis
- 2) Ramsey has contacted Mike Taylor (
recommended combining 2 studies, use
rhesus monkeys & reduce time point exposure

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Bryon word review of Brehm analytical capabilities

8-10 TCDD standards

Fred Hileman at Dayton reference
for Brehm Lab capability

Dayton trace analysis group monitor

Dow / Dayton / Brehm Round robin for
analytical capability

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