

Message

From: DONNA R FARMER
Sent: 12/29/1998 9:59:24 AM
To: WILLIAM F HEYDENS; LARRY D KIER; RICHARD P GARNETT; THOMAS W FUHREMANN; WILLIAM GRAHAM; ALAN G E WILSON; MARK A MARTENS
CC: CAM S VERDIN
Subject: Re[2]: Actions from12/17 Meeting on Mutagenicity

Mark,

What is your schedule for the week of the 11th? We can discuss both of the topics below at that time.

Donna

Reply Separator

Subject: Re: Actions from12/17 Meeting on Mutagenicity
Author: MARK A MARTENS at MONLLN01
Date: 12/29/98 9:34 AM

Donna,

Thanks for the report.

Could we include in the micronucleus testing of the MON 35050-glyphosate the histopath of liver and kidneys? This could give us some idea of the pathology of these organs in the test conditions of the Peluso test.

For the meeting on the testing programme of the detergent molecules I would prefer the week of Jan 11th since then I can attend the meeting in St Louis. I would also like to meet with you, Bill, Alan and Larry to discuss what we are going to do with Parry in Europe.

Regards, Mark.

Reply Separator

Subject: Actions from12/17 Meeting on Mutagenicity
Author: DONNA R FARMER at MONSL125
Date: 12/27/98 1:31 PM

Below please find:

- 1) Actions from 12/17 meeting on Mutagenicity
- 2) Recommendations for the Lioi papers

Thank you all for your participation and especially to Larry for his continued support!

1)Actions from todays conference call:

- a) Agreed to conduct guideline AMES and Mouse Micronucleus Tests (i.p. route of exposure) on the following "formulation blanks" (all components present except glyphosate):

MON 35050 - glyphosate = MON 8081 (IPA salt of C8-10 Alkyl Sulfate), KTS, Antifoam SF and Debubbler Bevaloid 680

Pilliod v. Monsanto

EX. 0079

Case No: RG17862702

MONGLY06486896

EX. 0079 - 1

MON 52276 - glyphosate = MON 8151 (Dodigen 4022) and Tween 20

MON 35012 - glyphosate = Cocoaamine and Antifoam RD

- Donna - will contact the lab, get protocols, request test material etc.
- We will target to start the studies mid-January. But recognize we may alter the studies/and or test materials based on receipt of german amendment on mutagenicity

b) Agreed to further discuss and develop "detergent molecule" testing program

- Donna will arrange this discussion. Timing after the receipt of the german amendment. Please let me know your availability for the following days (we can always cancel the meeting if we have not heard yet):

AM of:

1/11
1/12
1/15
1/18
1/19
1/21
1/22

c) Agreed an external global network of genotox experts needs to be developed.

As EU has an immediate need and is a critical area now it was agreed that Mark Martens would contact Dr. Parry next week to discuss with him his participation in the support of glyphosate, glyphosate-based ***formulation*** genotox issues.

After initial contact, if Dr. Parry is agreeable than Larry will be included in discussion to outline issue/needs etc.

For North America - Gary Williams will be here in early February as part of the CANTOX project. Larry Kier as graciously agreed to join in those discussions.

2) Unfortunately our time ran out but Larry, Bill and Donna stayed a little while longer and discussed the Lioi papers:

- The data are very unusual and suspect (i.e. the results may reflect an artifact of some procedural error and/or inexperience in scoring) but may be extremely difficult to refute based simply on the contents of the paper.

- It is a real concern that these papers may create an even bigger problem for us than the Peluso paper. Therefore we do some things quickly!

- The results of the human lymphocyte test by Lioi do not agree with the toxicity and data in the human lymphocyte study conducted by Agrichem at NOTOX.

Recommendations:

Contact the authors. Have a letter sent from Monsanto Italy or Brussels and saying something about:

- The data doesn't agree with other data we have - the agrichem study
- Therefore we are interested in investigating the discrepancy
- We would like samples of what they tested for evaluation.

- Are the concentrations correct?
 - Was it the acid or salt that was tested?
- etc.

In addition, before this letter is sent we may want to contact the manufacturers of vinclozolin and atrazine and inquire if they have seen the papers, do they have data from similar assays for their products, are they planning on responding, contacting the authors etc.

Please let me know if you disagree with this proposal and/or have some other recommendation on how to proceed.