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MUT/05/6

COMMITTEE ON MUTAGENICITY OF CHEMICALS IN FOOD CONSUMER PRODUCTS AND THE ENVIRONMENT.

GENOTOXICITY IN PESTICIDE APLICATORS.

SUBMITTED PAPERS- FEBRUARY 2005 COM MEET

1. Members will wish to see the papers selected using the current criteria. These include a number of papers from the “rest of world” evaluation not previously seen by COM. Members are asked for comments on these papers. (Annex 1)

(Antonucci et al 2000, FN et al 1985, Hoyos L et al *Env Hlth Perpsec*, 1996, Garry VF et al *Cancer Epi, Biomarkers, Prevent* 1996, Garry VF *Env Hlth Perpsec* 2001, Grover P et al *Mutagenesis* 2003, Mohamma O et al, *Env Res*, 1995, Paldy A et al *Mut Res* 1987, Pa-y-Mino P et al *Env Hlth Perspec*, et al 2002, Rupa DS et al, *Mut Res*, 1991).

2. The secretariat is aware that a number of ACP members have noted the review by Bolognesi et al *Mutation Research*, vol 543, 251-272, 2003. This was submitted to the October 2004 COM meeting but is appended again (Annex 2) for members information and comment. Are there aspects of the evaluation of genotoxicity in pesticide applicators considered by Bolognesi which could be included in the COM review?

3. A paper from Elliard S and Parry EM on modifications to use of cytocholasin B for assessment MN in whole human blood or separated lymphocyte cultures (Annex III is appended for information).

Secretariat January 2005

ANNEX 1 TO MUT/05/6

GENOTOXICITY IN PESTICIDE APPLICATORS: PAPERS IDENTIFIED BY SELECTION CRITERIA.

ANNEX 2 TO MUT/05/6

REVIEW BY BOLOGNESI C (MUT RES, 543, 251-272, 2003)

ANNEX 3 TO MUT/05/6

ELLIARD S AND PARRY EM MUTAGENESIS, 8, 317-320, 1993.