From: John Whalan
To: Hester, Sheri
Cc: Brenda Washington; Holdsworth, George; Sury Vulimiri
Subject: RE: Formaldehyde Literature, Project 03-18
Date: 12/17/2009 09:44 AM

Thank you Sheri. You are wonderful!

John E. Whalan
Toxicologist, ORD-NCEA-IRIS
Phone: 703-347-8639 FAX: 703-347-8689

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▼ "Hester, Sheri" ---12/17/2009 08:04:05 AM---Here are the articles that I could get quickly. The rest will take a few days. Thanks,

From: "Hester, Sheri" <Sheri.Hester@orise.orau.gov>
To: John Whalan/DC/USEPA/US@EPA
Cc: "Holdsworth, George" <George.Holdsworth@orise.orau.gov>, Brenda Washington/DC/USEPA/US@EPA, Sury Vulimiri/DC/USEPA/US@EPA
Date: 12/17/2009 08:04 AM
Subject: RE: Formaldehyde Literature, Project 03-18

Here are the articles that I could get quickly. The rest will take a few days.

Thanks,

Sheri

From: Whalan.John@epamail.epa.gov
[mailto:Whalan.John@epamail.epa.gov]
Sent: Tue 12/15/2009 10:51 AM
To: Holdsworth, George
Cc: Washington.Brenda@epamail.epa.gov;
Vulimiri.Sury@epamail.epa.gov
Subject: Formaldehyde Literature

Sury Vulimiri of the formaldehyde team has requested pdf copies of the
following studies.

Bermudez, E; Allen, PF. (1984) The assessment of DNA damage and repair
in rat nasal epithelial cells. Carcinogenesis 5:1453-1458.

Brutlag, D; Schlehuber, C; Bonner, J. (1969) Properties of

formaldehyde-treated nucleohistone. Biochemistry 8:3214-3218.

Doenecke, D. (1978) Digestion of chromosomal proteins in formaldehyde treated chromatin. Hoppe Seylers Z Physiol Chem 359:1343-1352.

Fiddler, W; Miller, AJ; Pensabene, JW; et al. (1984) Investigation on the mutagenicity of N-nitrosothiazolidine using the Ames Salmonella test. IARC Sci Publ:95-100.

Frei, E; Pool, BL; Plesch, W; et al. (1984) Biochemical and biological properties of prospective N-nitrodialkylamine metabolites and their derivatives. IARC Sci Publ:491-497.

Haworth, S; Lawlor, T; Mortelmans, K; et al. (1983) Salmonella mutagenicity test results for 250 chemicals. Environ Mutagen 5 Suppl 1:1-142.

Le Curieux, F; Marzin, D; Erb, F. (1993) Comparison of three short-term assays: results on seven chemicals. Potential contribution to the control of water genotoxicity. Mutat Res 319:223-236.

Marinari, UM; Ferro, M; Sciaba, L; et al. (1984) DNA-damaging activity of biotic and xenobiotic aldehydes in Chinese hamster ovary cells. Cell Biochem Funct 2:243-248.

Marnett, LJ; Hurd, HK; Hollstein, MC; et al. (1985) Naturally occurring carbonyl compounds are mutagens in Salmonella tester strain TA104. Mutat Res 148:25-34.

Oerstavik, D; Hongslo, JK. (1985) Mutagenicity of endodontic sealers. Biomaterials 6:129-132.

Sarrif, AM; Krahn, DF; Donovan, SM; et al. (1997) Evaluation of hexamethylphosphoramide for gene mutations in Salmonella typhimurium using plate incorporation, preincubation, and suspension assays. Mutat Res 380:167-177.

Vock, EH; Lutz, WK; Ilinskaya, O; et al. (1999) Discrimination between genotoxicity and cytotoxicity for the induction of DNA double-strand breaks in cells treated with aldehydes and diepoxides. Mutat Res 441:85-93.

Von Hippel, PH; Wong, KY. (1971) Dynamic aspects of native DNA structure: kinetics of the formaldehyde reaction with calf thymus DNA. J Mol Biol 61:587-613.

Watanabe, K; Sakamoto, K; Sasaki, T. (1996) Comparisons on chemically-induced mutagenicity among four bacterial strains, Salmonella typhimurium TA102 and TA2638, and Escherichia coli WP2/pKM101 and WP2 uvrA/pKM101: collaborative study I. Mutat Res 361:143-155.

Wilcox, P; Naidoo, A; Wedd, DJ; et al. (1990) Comparison of Salmonella typhimurium TA102 with Escherichia coli WP2 tester strains. Mutagenesis 5:285-291.

Wilkins, RJ; Macleod, HD. (1976) Formaldehyde induced DNA-protein crosslinks in Escherichia Coli. Mutat Res 36:11-16.

Zhitkovich, A; Costa, M. (1992) A simple, sensitive assay to detect DNA-protein crosslinks in intact cells and in vivo. Carcinogenesis 13:1485-1489.

Zielenska, M; Guttenplan, JB. (1988) Mutagenic activity and specificity of N-nitrosomethylaniline and N-nitrosodiphenylamine in Salmonella. Mutat Res 202:269-276.

Thank you for your help in finding these studies.

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[attachment "Sarrif_1997_Mutation-ResearchFundamental-and-Molecular-Mechanisms-of-Mutagenesis_380_167_177.pdf" deleted by John Whalan/DC/USEPA/US] [attachment "Vock_1999_Mutation-ResearchGenetic-Toxicology-and-Environmental-Mutagenesis_441_85_93.pdf" deleted by John Whalan/DC/USEPA/US] [attachment "Zhitkovich and Costa 1992 Carcinogenesis 13--1485-1489.pdf" deleted by John Whalan/DC/USEPA/US] [attachment "Haworth ea 1983 Environ Mutagen 5(Suppl1)--1-142 good copy.pdf" deleted by John Whalan/DC/USEPA/US]