

## REFERENCES

- Aamand, J., Bruun, L., Christensen, C. B. V. (2004) Immunological Analysis of Pesticides: A New Tool in Ground Water Testing. *Geological Survey of Denmark and Greenland Bulletin.*, 4:, 29–32.
- Abad, A., Manclus, J.J., Mojarrad, F., Mercader, J.V., Miranda, M.A., Primo, J., Guardiola, V., Montoya, A. (1997) Hapten Synthesis and Production of Monoclonal Antibodies to DDT and Related Compounds. *J. Agric. Food Chem.*, 45(9): 3694-3702.
- Andrea, D. (2000) Immunochemical Assay for Pesticides Analysis. In Encyclopedia of Analytical Chemistry, Robert A. M., ed. John Wiley & Sons Ltd, Chichester. pp.1-27.
- Banerjee, B. D. (1987) Development of an Enzyme-Linked Immunosorbent Assay for the Quantification of DDA (2,2-bis(p-chlorophenyl) acetic acid) in Urine. *Bull. Environ. Contam Toxicol.*, 38: 798-804.
- Banerjee, B. D., Ray, A., Pasha, S. T. (1996) A Comparative Evaluation of Immunotoxicity of DDT and Its Metabolites in Rats. *Indian J. Exp. Biol.*, 34: 517-522.
- Beasley, H. L., Phongkham, T., Daunt, M. H., Guihot, S. L., Skerritt, J. H.I. (1998) Development of a Panel of Immunoassays for Monitoring DDT, Its

Metabolites, and Analogues in Food and Environmental Matrices. *J. Agric. Food Chem.*, 46(8): 3339-3352.

Besbelli, N. Updated and Peer Reviewed, Sao Paulo INTOX-11, October 21, 1999.

Available on: <http://www.inchem.org/documents/jmpr/jmpmono/v080pr13.html>, June 15, 2006.

Burgisser, D., Frey, S., Gutte, B., Klauser. (1990) Preparation and Characterization of Polyclonal and Monoclonal Antibodies Against the Insecticide DDT. *Biochem. Biophys. Res. Commun.*, 3: 1228-1236.

Burow, M. E., Yang, T., Collins-Burow, B. M., Krajewski, S., Reed, J. C., McLachlan, J. A., Beckman, B. S. (1999) Effects of Environmental Estrogens on Tumor Necrosis Factor  $\alpha$ -mediated Apoptosis in MCF-7 Cells. *Carcinogenesis.*, 20( 11):2057-2061.

Cabral, J. R., Hall, R. K., Rossi, L., Bronczyk, S. A., Shubik, P. (1982) Lack of Carcinogenicity of DDT in Hamsters. *Tumori.*, 68: 5-10.

Clement, J. G. and Okey, A.B. (1974) Reproduction in Female Rats Born to DDT-Treated Parents. *Bull. Environ. Contam Toxicol.* 12: 373-377.

Eriksson, P., Archer, T., Fredriksson, A. (1990) Altered Behaviour in Adult Mice Exposed to a Single Low Dose of DDT and Its Fatty acid Conjugate as Neonates. *Brain Res.*, 514: 141-142.

- Fabro, S., McLachlan, J. A., Dames, N. M. (1984) Chemical Exposure of Embryos during the Preimplantation stages of Pregnancy: Mortality rate and Intrauterine Development. *Am. J. Obstet. Gynecol.*, 148: 929-938.
- Fawcett, S. C., Bunyan, P. J., Huson, L. W., King, L. J., Stanley, P. I. (1981) Excretion of Radioactivity Following the Intraperitoneal Administration of  $^{14}\text{C}$ -DDT,  $^{14}\text{C}$ -DDD,  $^{14}\text{C}$ -DDE and  $^{14}\text{C}$ -DDMU to the rat and Japanese quail. *Bull. Environ. Contam. Toxicol.*, 93: 386-392.
- Feil, V. J. , Lamoureux, C. J., Styrvoky, E. Zaylskie, R. G., Thacker, E. J., Holman, G.M. (1973) Metabolism of o,p'-DDT in rats. *J. Agric. Food Chem.*, 21: 1072-1078.
- Goodrow, M. H., Harrison, R. O., Hammock, B. D. (1990) Hapten synthesis, antibody development, and competitive inhibition enzyme immunoassay for s-triazine herbicides. *J. Agric. Food Chem.*, 38: 990-996.
- Haas, G. J. and Guardia, E. J. (1968) Production of Antibodies against Insecticide-protein conjugates. *Proc. Soc. Exp. Biol. Med.*, 129: 546-551.
- Harrison, R. O., Goodrow, M. H., Gee, S. J., Hammock, B. D. (1990) Hapten Synthesis for Pesticide Immunoassay Development. In *Immunoassays for Trace Chemical Analysis*; Vanderlaan, M., Stanker, L. K., Watkins, B. E., Roberts, D. W., Eds.; ACS Symposium Series 451; American Chemical Society: Washington, DC, p. 14.

Hayes, W. J., Jr. (1976) Dosage Relationships Associated with DDT in Milk. *Toxicol. Appl. Pharmacol.*, 38: 19-28.

Hayes, W. J., Jr., Dale, W. E., Burse, V. W. (1965) Chlorinated Hydrocarbon Pesticides in the Fat of People in New Orleans. *Life Sci.*, 4: 1611-1615.

Hayes, W. J., Jr., Quinby, G. E., Walker, K. C., Elliott, J. W., Upholt, W. M. (1958) Storage of DDT and DDE in People with different Degrees of Exposure to DDT. *AMA. Arch. Ind. Health*, 18: 398-406.

Hayes, W. J., Jr., Dale, W. E., Pirkle, C. I. (1971) Evidence of Safety of Long-term, High, Oral Doses of DDT for Man. *Arch. Environ. Health.*, 22: 119-135.

Healy, M. J. R. (1988) Chapter 7 Counted Data in Grim: an Introduction. Oxford University Press, New York. pp.80-99.

Helzlsouer, K. J., Alberg, A. J., Huang, H. Y., Hoffman, S. C., Strickland, P. T., Brock, J. W. (1999) Serum Concentrations of Organochlorine Compounds and the subsequent Development of Breast Cancer. *Cancer Epidemiol. Biomarkers Prev.*, 8: 525-532.

Herzog, D. P. (1997) Immunoassays for environmental contaminants. (pp.1-26).  
SDI. [www.sdix.com/TechSupport/bulletins/t00037.pdf](http://www.sdix.com/TechSupport/bulletins/t00037.pdf), June 10, 2006.

Hock, B., Dankwardt A, Kramer, K. Marx, A. (1995) Immunochemical Techniques: Antibody Production for Pesticide Analysis. *A Review, Anal. Chim. Acta.*, 311: 393-406.

Hock, B., Giersch, T., Kramer K., Dankwardt, A. (1995). Antibody Production and Progress in Hybridoma Technology by Immunomagnetic Screening, in *New Frontiers in Agrochemical Immunoassay*, eds. D.A. Kurtz, J.H. Skerritt, L. Stanker, AOAC International, Arlington, VA. pp.149–162.

Hong, J. Y., Kim, J. H., Choi, M. J. (2002) Hapten Synthesis and Influence of Coating Ligands on Enzyme-linked Immunoreaction of DDT. *Bull. Korean Chem. Soc.*, 23: 1413-1419.

Hong, J. Y., Kim, J. H., Choi, M. J. (2002) Production and Characterization of DDT Antibodies and Its Application to Enzyme Immunoassay: Relation of Response and Affinity to Coating Ligand. *Bull. Korean Chem. Soc.*, 24: 1605-1608.

Hoyer, A. P., Grandjean, P., Jorgensen, T., Brock, J. W., Hartvig, H. B. (2000) [Organochlorine Compounds and Breast Cancer--Is here a Connection between Environmental Pollution and Breast Cancer?]. *Ugeskr. Laeger.*, 162: 922-926.

Huff, J. E. (1980) DDT and Cancer. *Clin. Toxicol.*, 16: 389-390.

Hunter, D. J., Hankinson, S. E., Laden, F., Colditz, G. A., Manson, J. E., Willett, W. C. (1997) Plasma Organochlorine Levels and the Risk of Breast Cancer. *N. Engl. J. Med.*, 337: 1253-1258.

Hutson, D. H. (1981) Progress of Pesticide Biochemistry. eds. Roberts, T. R., Terence Roberts Roberts. John Wiley and Son. p.287.

IARC. (1987) Overall Evaluations of Carcinogenicity. IARC Monographs on the Evaluation of Carcinogenic Risk of Chemicals to Humans, Supplement 7. Lyon, France: International Agency for Research on Cancer. p. 440.

IARC. (1991) Occupational Exposures in Insecticide Application, and Some Pesticides. IARC Monographs on the Evaluation of Carcinogenic Risk of Chemicals to Humans, vol. 53. Lyon, France: International Agency for Research on Cancer. p. 440.

Jenson, J. A., Cueto, C., Dale, W. E., Rothe, C. F., Pearce, G. W. (1957) Metabolism of Insecticides, DDT Metabolites in Feces and Bile of Rats. *J. Agric. Food Chem.*, 919-925.

Jonsson, H. T., Jr., Keil, J. E., Gaddy, R. G., Loadholt, C. B., Hennigar, G. R., Walker, E. M. (1975) Prolonged Ingestion of Commercial DDT and PCB; effects on Progesterone Levels and Reproduction in the Mature Female Rat. *Arch. Environ. Contam Toxicol.*, 3: 479-490.

Kohler, G, and Milstein, C. (1975) Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity. *Nature*, 7(256):495-7.

Kramer, P. M., Goodrow, M. H., Kremmer, E. (2004) Enzyme-Linked Immunosorbent Assays Based on Rabbit Polyclonal and Rat Monoclonal Antibodies Against Isoproturon. *J. Agric. Food Chem.*, 52(9): 2462-2471.

Langone, J. J., Van Vunakis, H., (1982) Radioimmunoassay of Nicotine, Cotinine, and gamma-(3-pyridyl)-gamma-oxo-N-methylbutyramide. *Methods Enzymol.*, 84: 628-640.

Lundberg, T. (1974) Effect of DDT on Cytochrome p-450 and Oestrogen-dependent Functions in Mice. *Environ. Physiol Biochem.*, 4: 200-204.

Manclu, J. J. and Montoya, A. (1996) Development of an enzyme-linked immunosorbent assay for 3,5,6-trichloro-2-pyridinol. 1. Production and characterization of monoclonal antibodies. *J. Agric. Food Chem.*, 44: 3703-3709.

Manclu, J. J., Primo, J., Montoya, A. (1996) Development of an enzyme-linked immunosorbent assay for the insecticide chlorpyrifos. 1. Monoclonal antibody production and immunoassay design. *J. Agric. Food Chem.*, 44: 4052-4062.

Marco, M.P. Gee, S.J. Cheng, H.M., Liang, Z.Y Hammock, B.D. (1993) Development of an ELISA for Carbaryl. *J. Agric. Food Chem.*, 41: 423-430.

Miyamoto, J., Kaneko H., Hutson, D. H., Esser, H. O., Gorbach, S., Dorn, E. (1988) Metabolism of pesticides in Pesticide Metabolism: Extrapolation from Animals to man. Osney, M., ed. Townbridge: Redwood Burn Limited. pp.28-30.

Morgan, D. P. and Roan, C. C. (1971) Absorption, Storage, and Metabolic Conversion of Ingested DDT and DDT Metabolites in Man. *Arc. Environ. Health*, 22: 301-305.

Nowinski, R. C., Lostrom, M. E., Tam, M. R., Stone, M. R., Burnette, W. N. (1979) The Isolation of Hybrid Cell lines Producing Monoclonal Antibodies Against the p15(E) Protein of Ecotropic Murine Leukemia Viruses. *Virology*, 93(1): 1-111.

Prapamontol, T., Hongsibsong, S., Suphavilai, C. (2003). Development of an Immunoaffinity Column for Sample Preparation of DDT Residue Analysis Final Research Report, Research Institute for Health Sciences, Chiang Mai University, Chiang Mai, Thailand.

Ranulfo, L., Lina, L., Mark, E. B., Adam, V. W., Carrie, A. R, Meryl, H. K. (2001) Development of Immunoassays for Biomonitoring of Hexamethylene Diisocyanate Exposure. *Environmental Health Perspectives*, 109 (11): 1103-1108.

Reif, V. D., Sinsheimer, J. E., Ward, J. C., Schteingart, D. E. (1974) Aromatic Hydroxylation and Alkyl Oxidation in Metabolism of Mitotane (o,p'-DDD) in Humans. *J.Pharm.Sci.*, 63: 1730-1736.

Roitt, I. M. and Cooke, A. (1987) Manipulation of Idiotype Networks in Autoimmunity. *Ciba Found. Symp.*, 129: 209-222.



- Sharpe, R. M., and Skakkebaek, N. F. (1993) Are Oestrogens Involved in Falling Sperm Counts and Disorders of the Male Reproductive Tract. *Lancet*, 341: 1392-1395.
- Walter, J R. and Aimin, C. (2005) Health Risks and Benefits of bis(4-chlorophenyl)-1,1,1-trichloroethane (DDT)., *Lancet*, 366: 763-773.
- Wandiga, S. O. (2001) Use and Distribution of Organochlorine Pesticides. The Future in Africa. *Pure Appl. Chem.*, 73(7): 1147–1155.
- Ward, V. K., Kreissig, S. B., Hammock, B. D., Choudary, P. V. (1995) Generation of an Expression Library in the Baculovirus Expression Vector System. *J. Virol. Methods*, 53: 263-272.
- White, L. D., Taylor, D. G., Mauer, P. A., Kupel, R. E. (1970) A Convenient Optimized Method for the Analysis of Selected Solvent Vapors in the Industrial Atmosphere. *Am. Ind. Hyg. Assoc. J.*, 31: 225-232.
- Wie, S. I. and Hammock, B. D. (1984) Comparison of Coating and Immunizing Antigen Structure on the Sensitivity and Specificity of Immunoassays for Benzoylphenylurea Insecticides', *J. Agric. Food Chem.*, 32: 1294–1301.
- Williams, D. T., LeBel, G. L., Junkins, E. (1988) Organohalogen Residues in Human Adipose Autopsy Samples from Six Ontario Municipalities. *J. Assoc. off Anal. Chem.*, 71: 410-414.