

CURRICULUM VITAE

NAME: RICHARD JOSEPH KOCIBA

CURRENT JOB TITLE: Research Scientist

EDUCATION: 1953-1957 - Our Lady of Lake Huron High School , Harbor Beach, MI.

1959-1966 - B.S. and Doctor of Veterinary Medicine (D.V.M.), Michigan State University, East Lansing, MI, U.S.A.

1967-1969 - M.S. Pathology Major, Michigan State University, East Lansing, MI, U.S.A.

1969-1970 - Ph.D. Pathology, Michigan State University, East Lansing, MI, U.S.A. Thesis: "Cancer Chemotherapeutic Properties and Toxicologic Effects of Cis-Platinum II Diamminodichloride"

EMPLOYMENT: 1957-1958 - U. S. Army

1966-1967 - Veterinary Medicine Private Practice, Indiana

1967-1968 - Faculty, College of Veterinary Medicine, NIH Postdoctoral Fellow, Pathology Department, Michigan State University

1970-1974 - Senior Research Specialist, Pathology Department, The Dow Chemical Company, Chemical Biology Research, Toxicology Section

1974-1977 - Group Leader, Pathology Section, Toxicology Research Laboratory, Health and Environmental Research, Dow Chemical U.S.A., (Restructured from Chemical Biology Research)

1977-1981 - Associate Scientist, Dow Chemical U.S.A., Toxicology Research Laboratory, Health and Environmental Sciences, (Restructured from Health and Environmental Research), Pathology Group

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EMPLOYMENT (Cont.):

1981 - Senior Associate Scientist, Dow Chemical U.S.A., Toxicology Research Laboratory, Health and Environmental Sciences

1986 - Research Scientist, The Dow Chemical Company, Mammalian and Environmental Toxicology Research Laboratory, Health and Environmental Sciences.

MEMBERSHIPS:

Phi-Zeta, Veterinary Medicine, Honorary Society
Sigma Xi, Scientific Research, Honorary Society
Michigan Veterinary Medical Association
American Association of Laboratory Animal Sciences
American Veterinary Medical Association
American College of Veterinary Pathologists
Society of Toxicology
American Board of Toxicology
Board of Trustees, Elsa U. Pardee Cancer Foundation

CERTIFICATIONS:

Diplomate, American College of Veterinary Pathologists - 1972
Diplomate, American Board of Toxicology - 1981

APPOINTMENTS:

Medical Review Committee, Elsa U. Pardee Cancer Research Foundation
BioMedical Scientific Review Board, Midland Macromolecular Institute
External Reviewer, NIOSH Criteria Document on Chlorinated Benzenes, Dr. David West, National Institute of Occupational Safety and Health
External Consultant, NIEHS Toxicology Program, National Institutes of Environmental Health Sciences
Program Committee, Society of Toxicology Annual Meetings
External Consultant, World Health Organization, Health Document on Chlorine and Hydrogen Chloride
External Consultant, EPA Criteria Document on Dibenzofurans
Member, Division of Medical Sciences Committee, National Research Council, National Academy of Sciences
Adjunct Clinical Professor of Pathology, Michigan State University, East Lansing, Michigan
Editorial Board, Veterinary Pathology Journal

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**APPOINTMENTS
(Cont.):**

Council Member, Society of Toxicology Michigan
Chapter
External Consultant, EPA Multimedia Criteria
Documents for Chlorinated Dioxins, 1983.
Member, National Toxicology Program Technical
Reports Review Subcommittee of Board of
Scientific Counselors, 1983
Editorial Board, Fundamental and Applied
Toxicology.
Editorial Board, Chemosphere Journal

PUBLICATIONS: See Attached.

PRESENTATIONS: See Attached.

Reviewed/Revised: _____ Date: _____

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PUBLICATIONS

1. Kociba, R. J. Nitrite Toxicosis in the Ascorbic Acid-Deficient Guinea Pig. M. S. Thesis, Pathology Department, Michigan State University, 1969.
2. Kociba, R. J. and Sleight, S. D. Nitrite Toxicosis in the Ascorbic Acid-Deficient Guinea Pig. *Toxicol. Appl. Pharmacol.* 16:424-429, 1970.
3. Kociba, R. J., Sleight, S. D., and Rosenberg, B. Inhibition of Dunning Asitic Leukemia and Walker 256 Carcinosarcoma with Cis-Diamminedichloro-platinum (NSC-119875). *Cancer Chemotherapy Reports* 54:325-329, 1970.
4. Kociba, R. J. Cancer Chemotherapeutic Properties and Toxicologic Effects of Cis-Platinum (II) Diamminochloride. Ph.D. Thesis, Pathology Department, Michigan State University, 1970.
5. Kociba, R. J. and Sleight, S. D. Acute Toxicologic and Pathologic Effects of Cis-Diamminedichloroplatinum (NSC-119875) in the male rat. *Cancer Chemotherapy Reports* 55:1-8, 1971.
6. Kociba, R. J., Gehring, P. J., Humiston, C. G., and Sparschu, G. L. Toxicological Study of Female Rats Administered Hexachlorobutadiene or Hexachlorobenzene for Thirty Days. A Special Release of The Dow Chemical Company, August 1971.
7. Spencer, H. C., McCollister, S. B., Kociba, R. J., Humiston, C. G. Toxicological Studies on a Beryllium Containing Exhaust Product. Published in the Proceedings of the Third Conference on Environmental Toxicology, October 25-27, 1972. Sponsored by SysMed Corporation under Contract No. F3361-5-70-C-1046 with the Aerospace Medical Research Laboratory, Wright-Patterson Air Force Base, Ohio.
8. Spencer, H. C., McCollister, S. B., Kociba, R. J., Humiston, C. G., and Sparschu, G. L. Toxicological Evaluation of a Beryllium Motor Exhaust Product Document AMRL-TR-72-118, 95 pages, Contract No. F3361-5-C-1046 with the Aerospace Medical Research Laboratory, Aerospace Medical Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, 1972.
9. Kociba, R. J., Sparschu, G. L., Leong, B.K.J., and Gehring, P. J. Tissue Response to Ceramic Foam Dust Following Intratracheal and Intraperitoneal Administration. *Toxicol. Appl. Pharmacol.* 25:145-151, 1973.
10. McCollister, S. B., Kociba, R. J., and McCollister, D. D. Dietary Feeding Studies of Methylcellulose and Hydroxypropylmethylcellulose in Rats and Dogs. *Food and Cosmetics Toxicol.* 11:943-953, 1973.

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11. Johnson, R. L., Gehring, P. J., Kociba, R. J., and Schwetz, B. A. Chlorinated Dibenzodioxins and Pentachlorophenol. *Environmental Health Perspectives, Experimental Issue* 5:171-175, 1973.
12. Norris, J. M., Kociba, R. J., Schwetz, B. A., Rose, J. Q., Humiston, C. G., and Gehring, P. J. Toxicological Evaluation of Fire Retardant Chemicals: Fall Meeting Am. Soc. Pharmacol. Exp. Therap. *The Pharmacologist* 15:394, 1973.
13. Norris, J. M., Ehrmantraut, J. W., Gibbons, C. L., Kociba, R. J., Schwetz, B. A., Rose, J. Q., Humiston, C. G., Jewett, G. L., Crummett, W. B., Gehring, P. J., Tirsell, J. B., and Brosier, J. S. Toxicological and Environmental Factors Involved in the Selection of Decabromodiphenyl Oxide as a Fire Retardant Chemical. *Appl. Polymer Symposium No. 22*, 195-219, 1973.
14. Norris, J. M., Ehrmantraut, J. W., Gibbons, C. L., Kociba, R. J., Schwetz, B. A., Rose, J. Q., Humiston, C. G., Jewett, G. L., Crummett, W. B., Gehring, P. J., Tirsell, J. B., and Brosier, J. S. Toxicological and Environmental Factors Involved in the Selection of Decabromodiphenyl Oxide as a Fire Retardant Chemical. *J. Fire and Flammability/Combustion Toxicology* 1:52-57, February 1974.
15. Kociba, R. J., McCollister, S. B., Park, C. N., Torkelson, T. R., and Gehring, P. J. 1,4-Dioxane: (I) Results of Two-Year Ingestion Studies in Rats. *Toxicol. Appl. Pharmacol.* 30:275-286, 1974.
16. Torkelson, T. R., Leong, B.K.J., Kociba, R. J., Richter, W. A., and Gehring, P. J. 1,4-Dioxane: (II) Results of a Two-Year Inhalation Study in Rats. *Toxicol. Appl. Pharmacol.* 30:287-298, 1974.
17. McCollister, S. B., Kociba, R. J., and Gehring, P. J. Studies on the Acute and Chronic Oral Toxicity of O,O-diethyl-O-(3,5,6-trichloro-2-pyridyl) Phosphorothioate. *Food and Cosmetics Toxicol.* 12:45-61, 1974.
18. Schwetz, B. A., Norris, J. M., Kociba, R. J., Keeler, P. A., Cornier, R. F., and Gehring, P. J. Reproduction Study in Japanese Quail Fed Hexachloro-butadiene for 90 Days. *Toxicol. Appl. Pharmacol.* 30:255-266, 1974.
19. Kociba, R. J., Leong, B.K.J., Jersey, G. C., Quast, J. F., and Gehring, P. J. Induction of Esthesioneuroepitheliomas in Rats Exposed to Bis(chloromethyl)ether. *Lab. Invest.* 32:12, 1975.

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PUBLICATIONS (Cont.)

20. Kociba, R. J., Torkelson, T. R., Young, J. D., and Gehring, P. J. 1,4-Dioxane: Correlation of the Results of Chronic Ingestion and Inhalation Studies With Its Dose-Dependent Fate in Rats. *Proceedings of the Sixth Conference on Environmental Toxicology*, AMRL-TR-75-125, 345-354, Dayton, Ohio, 1975.
21. Norris, J. M., Kociba, R. J., Schwetz, B. A., Rose, J. Q., Humiston, C. G., Jewett, G. L., Gehring, P. J., and Mailhes, J. B. Toxicology of Octobromobiphenyl and Decabromodiphenyl Oxide. *Environ. Health Perspectives* 11:153-161, 1975.
22. Kociba, R. J., Frauson, L. O., Humiston, C. G., Norris, J. M., Wade, C. E., Lisowe, R. W., Quast, J. F., Jersey, G. C., and Jewett, G. L. Results of a Two-Year Dietary Feeding Study with Decabromodiphenyl Oxide (DBDPO) in Rats. *Combustion Toxicology* 2:267-285, 1975.
23. Hefner, R. E., Jr., Leong, B.K.J., Kociba, R. J., and Gehring, P. J. Repeated Inhalation Toxicology of Diphenyl Oxide in Experimental Animals. *Toxicol. Appl. Pharmacol* 33:78-86, 1975.
24. Fishbeck, W. A., Langner, R. R., and Kociba, R. J. Elevated Urinary Phenol Levels Not Related to Benzene Exposure. *Journal of the American Industrial Hygiene Association* 36:820-824, 1975.
25. Kociba, R. J., Keeler, P. A., Park, C. N., and Gehring, P. J. 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD): Results of a 13-Week Oral Toxicity Study in Rats. *Toxicol. Appl. Pharmacol.* 35:553-574, 1976.
26. Kociba, R. J., Kalnins, R. V., Wade, C. E., Garfield, E. L., and Fishbeck, W. A. Elevated Urinary Phenol Levels in Dogs Treated with Salol. *Journal of the American Industrial Hygiene Association*, 37:183-191, 1976.
27. Schwetz, B. A., Humiston, C. G., Kociba, R. J., and Jersey, G. C. Results of Subchronic Toxicity Studies on HCl-Tailored Hydroxypropyl Methyl Cellulose in Rats and Dogs. *Amer. Chem. Soc., Div. of Polymer Chemicals, Series 17*, 1:6-11, 1976.
28. Kociba, R. J., Keyes, D. G., Jersey, C. G., Ballard, J. J., Dittenber, D. A., Quast, J. F., Wade, C. E., Humiston, C. G., and Schwetz, B. A. Results of a Two-Year Chronic Toxicity Study with Hexachlorobutadiene in Rats. *American Industrial Hygiene Association* 38:589-602, 1977.
29. Kociba, R. J., Schwetz, B. A., Keyes, D. G., Jersey, G. C., Ballard, J. J., Dittenber, D. A., Quast, J. F., Wade, C. E., and Humiston, C. G. Chronic Toxicity and Reproduction Studies of Hexachlorobutadiene in Rats. *Environ.Hlth. Perspectives* 21:49-53, 1977.

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30. Gross, P., Kociba, R. J., Sparschu, G. L., and Norris, J. M. The Biologic Response to Titanium Phosphate. Arch. Pathol. Lab. Med. 101:550-554, 1977.
31. Schwetz, B. A., Smith, F. A., Humiston, C. G., Quast, J. F., and Kociba, R. J. Results of a Reproduction Study in Rats Fed Diets Containing Hexachlorobutadiene. Toxicol. Appl. Pharmacol. 42:387-398, 1977.
32. Kociba, R. J., Keyes, D. G., Beyer, J. E., Carreon, R. M., Wade, C. E., Dittenber, D. A., Kalnins, R. P., Frauson, L. E., Park, C. N., Barnard, S. D., Hummel, R. A., and Humiston, C. G. Results of a Two-Year Chronic Toxicity and Oncogenicity Study of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin(TCDD) in Rats. Toxicol. Appl. Pharmacol. 46:279-303, 1978.
33. Leong, B.K.J., Kociba, R. J., Pernell, H. C., Lisowe, R. W., and Rampy, L. W. Induction of Pulmonary Carcinoma in Rats by Chronic Inhalation of Dust from Pulverized Asbestos Pipe Covering. J. Toxicol. and Environ. Hlth. 4:645-659, 1978.
34. Kociba, R. J., Keyes, D. G., Beyer, J. E., Carreon, R. M., and Gehring, P. J. Long-Term Toxicologic Studies of 2,3,7,8-Tetrachloro-dibenzo-p-Dioxin (TCDD) in Laboratory Animals. Annals of New York Acad. of Sci. 320:397-404, 1979.
35. Braun, W. H., Sung, L. Y., Keyes, D. G., Kociba, R. J. Pharmacokinetics and Toxicologic Evaluation of Dogs Fed 1,2,4,5-Tetrachlorobenzene in the Diet for Two Years. J. Toxicol. and Environ. Hlth. 4:727-734, 1978.
36. Rampy, L. W., Leong, B.K.J., Jersey, G. C., Quast, J. F., Kalnins, R. V., Keyes, D. G., and Kociba, R. J. A Long-Term Inhalation Toxicity and Carcinogenicity Study of Vinyl Benzyl Chloride in Rats and Mice. Proceedings of the 8th Annual Conference on Environmental Toxicology, AMRL-77-97, Conference Proceedings, Page 211-231. Air Force/56780/6, March 1978.
37. Schwetz, B. A., Quast, J. F., Keeler, P. A., Humiston, C. G., and Kociba, R. J. Results of Two-Year Toxicity and Reproduction Studies on Pentachlorophenol in Rats. Ed. by K. Rango Rao (1978), Plenum Publishing Corp., New York, NY.
38. Kociba, R. J., Keyes, D. G., Beyer, J. E., and Carreon, R. M. Toxicologic Studies of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) in Rats. Proceedings of 10th InterAmerican Conference on Toxicol. and Occup. Med. Developments in Toxicology and Environmental Science 4:281-287, Elsevier Publication, 1979.

PUBLICATIONS (Cont.)

39. Barrow, C. S., Kociba, R. J., Rampy, L. W., Keyes, D. G., and Albee, R. R. An Inhalation Toxicity Study of Chlorine in Fischer 344 Rats Following Thirty Days of Exposure. *Toxicol. Appl. Pharmacol.* 49:77-88, 1979.
40. Kociba, R. J., Keyes, D. G., Lisowe, R. W., Kalnins, R. P., Dittenber, D. A., Wade, C. E., Gorzinski, S. J., Mahle, N. H., and Schwetz, B. A. Results of a Two-Year Chronic Toxicity and Oncogenic Study of Rats Ingesting Diets Containing 2,4,5-Trichlorophenoxyacetic Acid (2,4,5-T). *Food and Cosmetics Toxicol.* 17:205-221, 1979.
41. Murray, F. J., Smith, F. A., Nitschke, K. D., Humiston, C. G., Kociba, R. J., and Schwetz, B. A. Three-Generation Reproduction Study of Rats Given 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) in the Diet. *Toxicol. Appl. Pharmacol.* 50:241-252, 1979.
42. Keyes, D. G., Kociba, R. J., Schwetz, R. W., Wade, C. E., Dittenber, D. A., Quinn, T., Gorzinski, S. J., Hermann, E. A., Momany, J. J., and Schwetz, B. A. Results of a Two-Year Toxicity and Oncogenic Study of Rats Ingesting Diets Containing Dibromoneopentyl Glycol (FR-1138). *J. Combustion Toxicology* 7:77-98, 1980.
43. Smith, F. A., Murray, F. J., John, J. A., Nitschke, K. D., and Kociba, R. J. Three-Generation Reproduction Study of Rats Ingesting 2,4,5-Trichlorophenoxyacetic Acid in the Diet. *Fd. Cosmet. Toxicol.* 19:41-45, 1981.
44. Leong, B.K.J., Kociba, R. J., and Jersey, G. C. A Lifetime Study of Rats and Mice Exposed to Vapors of Bis(Chloromethyl)Ether. *Toxicol. Appl. Pharmacol.* 58:269-281, 1981.
45. Henck, J. W., New, M. A., Kociba, R. J., and Rao, K. S. 2,3,7,8-Tetrachlorodibenzo-p-Dioxin: Acute Oral Toxicity in Hamsters. *Toxicol. Appl. Pharmacol.* 59:405-407, 1981.
46. Kociba, R. J. and Schwetz, B. A. A Review of the Toxicity of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) with a Comparison to the Toxicity of Other Chlorinated Dioxin Isomers. Spring 1981 Meeting of Central States Association of Food and Drug Officials. *J. Assoc. Food and Drug Officials Quarterly Bulletin*, 46(3):168-188, 1982.
47. Kociba, R. J. and Schwetz, B. A. Toxicity of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD). Presentation at Symposium entitled "Metabolism and Pharmacokinetics of Environmental Chemicals in Man". Sarasota, Florida, June 7-12, 1981. *Proceedings in Drug Metabolism Reviews*, 13(3):387-406, 1982.

PUBLICATIONS (Cont.)

48. Kociba, R. J. Morphologic Considerations in the Detection of Immune Suppression in Routine Toxicity Studies, Chapter 6, in Vol. II of Textbook entitled Immunologic Considerations in Toxicology, edited by R. P. Sharma. CRC Press, 1981.
49. Nitschke, K. D., Kociba, R. J., Keyes, D. G., and McKenna, M. J. A Thirteen Week Repeated Inhalation Study of Ethylene Dibromide in Rats. Fundam. Appl. Toxicol. 1:437-442, 1981.
50. Kociba, R. J., Leong, B.K.J., and Hefner, R. E., Jr. Subchronic Toxicity Study of 1,2,4-Trichlorobenzene in the Rat, Rabbit and Beagle Dog. Drug and Chemical Toxicology 4(3): 229-249, 1981.
51. Cook, R. R., Kociba, R. J., and Langner, R. R. Environmental Health Criteria for Chlorine and Hydrogen Chloride. World Health Organization. 1982.
52. Sharma, R. P., Kociba, R. J., and Gehring, P. J. Reversal of Immunologic and Toxicologic Effects of a Single Exposure of 2,3,7,8-Tetrachlorodibenzo- p-Dioxin in Mice. Trace Substances in Environ. Health, 12:473, 1979.
53. Dodds, J., Abt, D., Bloor, C., Bowie, W., Fox, J., Gorham, J., Jones, A., Kociba, R. J., Loan, R., and Talbot R. Specialized Veterinary Manpower Needs Through 1990. National Research Council, National Academy of Science Press, 1982.
54. Kociba, R. J. and Mullison, W. Possible Toxicologic Interactions with Commercial Mixtures of Two Pesticides. Down To Earth 40:1, 1984.
55. Kociba, R. J. Proceedings of Symposium Public Health Risks of the Dioxins. October 19-20, 1983, Rockefeller University. William Kaufmann, Inc., Los Altos, California.
56. Kociba, R. J. Evaluation of the Carcinogenic and Mutagenic Potential of 2,3,7,8-Tetrachlorodibenzo-p-dioxin and other Chlorinated Dioxins. Banbury Report 18. Biological Mechanisms of Dioxin Action. Cold Spring Harbor Laboratory, New York, 1984.
57. Sharma, R. P., Kociba, R. J., and Gehring, P. J. Immunotoxicologic Effects of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) in Rabbits. J. Environ. Path. Toxicol. and Oncol. 5:321-328, 1984.
58. Kociba, R. J. Critique of Proposed Methodology for Assessment of Target Organ Toxicity (Human Health Effects). EPA Workshop. December 3-4, 1984, Cincinnati, Ohio.

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PUBLICATIONS (Cont.)

59. Kociba, R. J. and Keyes, D. G. Squamous Cell Carcinoma as a Spontaneous Neoplasm of Rodent Tongue. ILSI Monograph Series on Pathology of Laboratory Animals. Vol. III, Digestive System. T. C. Jones, U. Mohr and R. D. Hunt, Eds., Springer-Verlag, New York, 1985.
60. Kociba, R. J. and Cabey, O. Comparative Toxicity and Biologic Activity of Chlorinated Dibenzo-p-dioxins and Furans Relative to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD). Chemosphere 14: 649, 1985.
61. Kociba, R. J. Aspects of Dioxin Issue. Concluding Summary-Toxicology & Epidemiology. Chemosphere 14: 649, 1985.
62. Park, C. N. and Kociba, R. J. Statistical Evaluation of Long-Term Animal Bioassay. Chapter 17 in Carcinogen Testing. Edited by H. Milman and E. Weisberger. Noyes Publications, 1985.
63. Kociba, R. J. Evaluation of Global Literature for Definition of Dose-Response Relationship for Hexachlorobenzene (HCB) Toxicity. International Symposium on Hexachlorobenzene. June 24-28, 1985, International Agency for Research on Cancer, Lyon France.
64. Gorzinski, S. J., Nolan, R. J., McCollister, S. B., Kociba, R. J. and Mattsson, J. L. Subchronic Oral Toxicity, Tissue Distribution and Clearance of Hexachloroethane in the Rat. Drug & Chemical Toxicol. 8, 155, 1985.
65. Kociba, R. J. Summary and Evaluation of the Toxicity and Biologic Activity of 2,7-Dichlorodibenzo-p-dioxin. Special Release of The Dow Chemical Co. to Industry Task Force on MCPA Research Data. 1985.
66. Miller, R. R., Young, J. T., Kociba, R. J., Keyes, D. G., Bodner, K. M., Calhoun, L. L., and Ayres, J. A. Chronic Toxicity and Oncogenicity Bioassay of Inhaled Ethyl Acrylate in Fischer 344 Rats and B6C3F1 Mice. Drug & Chemical Toxicol. 8: 1, 1985.
67. Kociba, R. J. Review of the Toxicology of 2,3,7,8-TCDD and Related Compounds. 5th International Symposium on Chlorinated Dioxins and Related Compounds. Abstract #78, 1985.
68. Kociba, R. J. et al. Issues Pertaining to Proliferation and Differentiation in the Carcinogenic Process. Proceedings of Workshop on Toxicity, Tumor Promotion and Carcinogenesis. 1985.
69. Jori, A., Bonaccorsi, A., Gorattini, S., Kociba, R. J., and O'Flaherty, E. J. Toxicology of Halogenated Dibenzofurans in Animals and Humans. Que Hee, S. Ed. Monograph, 1985.

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PUBLICATIONS (Cont.)

70. Kociba, R. J. Summary and Evaluation of Toxicologic Data on Decabromodiphenyl Oxide Flame Retardants. Document prepared for release by Brominated Flame Retardants Industry Panel. December, 1986.
71. Kociba, R. J. Analysis of the Animal Toxicity Studies of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Used in Derivation of Lifetime Exposure Control Limit Recommendations for Humans. American Chemical Society Symposium Series. 1987.
72. Bond, D. M., Kociba, R. J. Keyes, D. G., Wall, J. M. and S. K. Weiss. Results of a One-Year Dietary Toxicity Study in Beagle Dogs Administered Cyhexatin. The Toxicologist. 6:Abst. 197, 1987.
73. Kociba, R. J. Key Factors in the Interpretation and Extrapolation of Data Derived from Chronic Organ Toxicity Studies in Laboratory Animals. Am. Conf. Chemical Labelling. March 1987 Proceedings.
74. Gorzinski, S. J., Kociba, R. J., Campbell, R. A., Smith, F. A., Nolan, R. J. and D. L. Eisenbrandt. Acute, Pharmacokinetic, and Subchronic Toxicological Studies of 2,4-Dichlorophenoxyacetic Acid. Fund. Applied Toxicol. 9:423, 1987.
75. Kociba, R. J. Issues in Biochemical Applications to Risk Assessment: How Should the MTD be Selected for Chronic Bioassays? Environ. Health Perspect., 1988.
76. Lomax, L. and Kociba, R. J. Hematologic Lesions Induced in Laboratory Animals. International Life Sciences Institute Monograph on Pathology of Laboratory Animals. Hematopoietic System. T. C. Jones, U. Mohr and R. D. Hunt, Eds. Springer-Verlag, New York, 1988.
77. Kociba, R. J., Keyes, D. G. and Williams, D. M. Follicular Hyperkeratosis, Induced, Rabbit Ear. International Life Sciences Institute Monograph on Pathology of Laboratory Animals. Integumentary System and Mammary Glands. T. C. Jones, U. Mohr and R. D. Hunt, Eds. Springer-Verlag, New York, 1988.
78. Pinkerton, M. N., Kociba, R. J., Petrella, R. V., McAllister, D. L., Willis, M. L., Fulfs, J. C., Thoma, H. and O. Hutzinger. Investigation of the Comparative Toxicity of Combustion Products of High Impact Polystyrene (HIPS) with and without Decabromodiphenyloxide/Antimony Trioxide (DBDPO/Sb₂O₃) as a Flame Retardant Using 2,3,7,8-Tetrabromodibenzo-p-Dioxin (TBDD) and 2,3,7,8-Tetrabromodibenzofuran (TBDF) as Positive Controls. Seventh Intern. Symp. on Chlorinated Dioxins, Las Vegas, Nev. 1987.

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PUBLICATIONS (Cont.)

79. Betso, J. E. and R. J. Kociba. Hazard Communication: The Case for Category IV "Cancer Information". The Toxicologist. 8:58, Abstract 229, 1988.
80. Pinkerton, M., Kociba, R., Petrella, R., McAllister, D. Willis, M., Fulfs, J., Thoma, H. and O. Hutzinger. The Comparative Toxicity of Combustion Products of High Impact Polystyrene (HIPS) with and without Decabromodiphenyloxide/Antimony Trioxide (DVBPO/Sb₂O₃) as a Flame Retardant Using 2,3,7,8-Tetrabromodibenzo-p-Dioxin (TBDD) and 2,3,7,8-Tetrabromodibenzofuran (TDBF) as Positive Controls. The Toxicologist. 8:212, Abstract 844, 1988.
81. Betso, J. E. and R. J. Kociba. Hazard Communication: The Case for Category IV "Cancer Information". Regulatory Toxicology and Pharmacology, 8:219-225, 1988.
82. Kociba, R. J. Review of the Animal Toxicity Data on 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) Used for Derivation of Lifetime Exposure Control Limits for Humans. Proc. of Technical Assoc. Pulp and Paper Industries. Environmental Conf. 1988.
83. Nitschke, J. D., Burek, J. D., Bell, T. J., Kociba, R. J., Rampy, L. W., and M. J. McKenna. Methylene Chloride: A 2-Year Inhalation Toxicity and Oncogenicity Study in Rats. Fundamental and Applied Toxicology. 11:48-59, 1988.
84. Kociba, R. J. Toxicologic Effects on Bone Marrow, Thymus and Related Tissues of Hematopoietic System. International Life Sciences Institute Publication. 1988.
85. Kociba, R. J. and Kociba, G. J. Assessment of Toxicologic Effects Upon Bone Marrow and Related Tissues. ILSI Monographs of Pathology of Laboratory Animals. T. C. Jones, Editor. Sprager-Verlag, New York. 1989.
86. Pinkerton, M.N., Kociba, R. J., Petrella, R. V., McAllister, D. L., Willis, M. L., Fulfs, J. C., Thoma, H., Hutzinger, O. A Preliminary Report on the Investigation of the Comparative Toxicity of Combustion Products of High Impact Polystyrene With and Without Decabromodiphenyloxide/Antimony Trioxide as a Flame Retardant Using 2,3,7,8-Tetrabromodibenzo and 2,3,7,8-Tetrabromodibenzofuran as Positive Controls. Chemosphere, Vol. 18, Nos. 1-6, PP 1243-1249, 1989.
87. Hanley, T. R., Jr., Calhoun, L. L., Kociba, R. J., and Greene, J. A. The Effects of Inhalation Exposure to Sulfuryl Fluoride on Fetal Development in Rats and Rabbits. Fundamental and Applied Toxicology 13, 79-86, 1989.

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88. Kociba, R. J. Rodent Bioassay for Assessing Chronic Toxicity and Carcinogenic Potential of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD). Biological Basis for Risk Assessment of Dioxins and Related Compounds. Banbury Report No. 35. Cold Spring Harbor Laboratory Press. 1991.
89. Hotchkiss, J. H., Banco, M. J., Busta, F. F., Genigeorgis, C. A., Kociba, R. J., Rheaume, L., Smoot, L. A., and Sugiyama, H. The Relationship Between Botulinal Toxin Production and Spoilage on Fresh Tomatoes at 13° and 23° C Under Passively-Modified and Controlled Atmospheres and Air. J. Food Protection, 55:522-527, 1991.
90. Kociba, R. J. The Use of Material Safety Data Sheets to Communicate Information. Journal of the American Veterinary Medical Association. 202:1548-1549, 1993.

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PRESENTATIONS

1. Kociba, R. J. Effects of Platinum Compounds on Transmissible Murine Tumors. International Symposium on the Bacterial, Viral and Antitumor Activities of Platinum Compounds, September 1970.
2. Kociba, R. J. Pathologic Effects of Platinum Compounds in Rodents. International Symposium on the Bacterial, Viral and Antitumor Activities of Platinum Compounds, September 1970.
3. Kociba, R. J. Induction of Olfactory Neuroepitheliomas by Exposure to Bis(chloromethyl)Ether. Presented at the 1973 Meeting of the American College of Veterinary Pathologists, November 1973.

The following four papers were presented at the 13th Annual Meeting of the Society of Toxicology, Washington, DC, March 1974.

4. Kociba, R. J., McCollister, S. B., Park, C. N., Torkelson, T. R., and Gehring, P. J. 1,4-Dioxane Toxicity as Determined by a Two-Year Dose-Response Study in Rats.
5. Torkelson, T. R., Leong, B.K.J., Kociba, R. J., Richter, W. A., and Gehring, P. J. Lack of Manifestation of Toxicity in Rats Inhaling 111 ppm 1,4-Dioxane for Two Years.
6. Rampy, L. W., Norris, J. M., Humiston, C. G., Kociba, R. J., and Gehring, P. J. Toxicological Properties of 2,3,5-Trichloro-4-(N-Propylsulfonyl)-Pyridine.
7. Norris, J. M., Humiston, C. G., Schwetz, B. A., Kociba, R. J., Jersey, G. C., and Wade, C. E. The Toxicological Properties of 4-((4,8-Dimethyldecyl)-oxyl)1,2-(Methylenedioxy)-benzene, and Insect Juvenile Hormone Mimic.
8. Kociba, R. J., Leong, B.K.J., Jersey, G. C., Quast, J. F., and Gehring, P.J. Induction of Esthesioneuroepitheliomas in Rats Exposed to Bis(Chloromethyl) Ether. Presented at 64th Annual Meeting of International Academy of Pathology (United States-Canadian Division), New Orleans, LA, March 5, 1975.

The following three papers were presented at the 14th Annual Meeting of the Society of Toxicology, Williamsburg, VA, March 9-13, 1975.

9. Kociba, R. J., Keeler, P. A., Park, C. N., and Gehring, P. J. 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD). Results of a 13-Week Oral Toxicity Study in Rats.
10. Leong, B.K.J., Kociba, R. J., Jersey, G. C., and Gehring, P. J. Effects from Repeated Inhalation of Parts Per Billion of Bis(chloromethyl)Ether in Rats.

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PRESENTATIONS (Cont.)

11. Norris, J. M., Kociba, R. J., Humiston, C. G., and Gehring, P. J. The Toxicity of Decabromodiphenyl Oxide and Octabromobiphenyl as Determined by Subacute and Chronic Dietary Feeding Studies in Rats.

The following two papers were presented at the 15th Annual Meeting of the American Industrial Hygiene Association, Minneapolis, MN, June 1-6, 1975.

12. Fishbeck, W. A., Langner, R. R., and Kociba, R. J. Elevated Urinary Phenol Levels Not Related to Benzene Exposure.
13. Leong, B.K.J., Kociba, R. J., Jersey, G. C., and Gehring, P. J. Effects from Repeated Inhalation of Parts Per Billion of Bis(chloromethyl)Ether in Rats.
14. Kociba, R. J. Toxicity of Vinyl Chloride. Presented at the 1975 Spring Seminar of the Midwest Veterinary Pathologists Meeting, Indianapolis, February 28, 1975.
15. Kociba, R. J. Toxicologic Pathology. Presented at the Armed Forces Institute of Pathology Course on Pathology of Laboratory Animals, Washington, DC, September 15-19, 1975.
16. Kociba, R. J., Torkelson, T. R., Young, J. D., and Gehring, P. J. 1,4-Dioxane: Correlation of the Results of Chronic Ingestion and Inhalation Studies with Its Dose-Dependent Fate in Rats. Presented at the 6th Conference on Environmental Toxicology, Dayton, OH, October 21-23, 1975.
17. Kociba, R. J., Keeler, P. A., Park, C. N., and Gehring, P. J. 2,3,7,8-Tetrachlorodibenzeno-p-Dioxin (TCDD) 13-Week Oral Toxicity Study in Rats. Presented at the Fall Scientific Meeting of the Midland Section of the American Chemical Society, Midland, MI, November 8, 1975.
18. Kociba, R. J., Kalnins, R. P., Wade, C. E., Garfield, E. L., and Fishbeck, W. A. Elevated Urinary Phenol Levels in Beagle Dogs Ingesting Salol. Presented at the 15th Annual Meeting of the Society of Toxicology, Atlanta, GA, March 1976.
19. Leong, B.K.J., and Kociba, R. J. Effects in Rats and Hamsters from Chronic Inhalation of Asbestos Pipe-Covering Dusts. Presented at the Annual Meeting of the American Industrial Hygiene Conference, Atlanta, GA, May 16-21, 1976.

BFG41296

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PRESENTATIONS (Cont.)

20. Kociba, R. J., Keyes, D. G., Jersey, G. C., Ballard, J. J., Dittenber, D. A., Quast, J. F., Wade, C. E., Humiston, C. G., and Schwetz, B. A. Results of a Two-Year Chronic Toxicity Study with Hexachlorobutadiene in Rats. Presented at the Fall Scientific Meeting of the Midland Section of the American Chemical Society, Midland, MI, October 30, 1976.
21. Kociba, R. J. Toxicity of 2,3,7,8-Tetrachlorodibenzo-p-dioxin in the Rat. Presented at the Scientific Meeting of the American College of Veterinary Pathologists, Miami, FL, December 1-4, 1976.

The following two papers were presented at the 16th Annual Meeting of the Society of Toxicology, Toronto, Canada, March 1977.

22. Kociba, R. J., Keyes, D. G., Jersey, G. C., Ballard, J. J., Quast, J. F., Wade, C. E., Humiston, C. G., and Schwetz, B. A. Results of a Two-Year Chronic Toxicity Study with Hexachlorobutadiene (HCB) in Rats.
23. Braun, W. H., Sung, L. Y., Keyes, D. G., and Kociba, R. J. Pharmacokinetics and Toxicologic Evaluation of Dogs Fed 1,2,4,5-Tetrachlorobenzene in the Diet for Two Years.
24. Kociba, R. J. The Toxicology of TCDD. Presented at the Winter Meeting of the Midwest Association of Veterinary Pathologists, Purdue University, March 1977.
25. Kociba, R. J., Schwetz, B. A., Keyes, D. G., Jersey, G. C., Ballard, J. J., Dittenber, D. A., Quast, J. F., Wade, C. E., and Humiston, C. G. Chronic Toxicity and Reproduction Studies of Hexachlorobutadiene in Rats. Presented at a Symposium on Compounds Similar to Vinyl Chloride, National Institute of Environmental Health Sciences, Bethesda, MD, May 1977.

The following six papers were presented at the 17th Annual Meeting of the Society of Toxicology, Hyatt Regency Hotel, San Francisco, CA, March 12-16, 1978.

26. Barrow, C. S., Kociba, R. J., and Rampy, L. W. A Thirty-Day Inhalation Toxicity Study of Chlorine in Fischer 344 Rats.
27. Smith, F. A., Schwetz, B. A., Murray, F. J., Crawford, A. A., John, J. A., Kociba, R. J., and Humiston, C. G. Three-Generation Reproduction Study of Rats Ingesting 2,4,5-Trichlorophenoxyacetic Acid in the Diet.
28. Kociba, R. J., Keyes, D. G., Carreon, R. M., Wade, C. E., Dittenber, D. A., Kalnins, R. P., Frauson, L. E., Park, C. N., Hummel, R. A., and Humiston, C. G. Results of a Two-Year Chronic Toxicity and Oncogenicity Study of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) in Rats.

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29. Rampy, L. W., Kociba, R. J., Balmer, M. F., Keyes, D. G., Schuetz, D. J., and Yakel, H. O. Results of a Two-Year Inhalation Toxicity Study of Hydroxyethyl Acrylate (HEA) in Rats.
30. Watanabe, P. G., Kociba, R. J., Hefner, R. E., Jr., Yakel, H. O., and Leong, B.K.J. Subchronic Toxicity Studies of 1,2,4-Trichlorobenzene (TCB) in Experimental Animals.
31. Sharma, R. P., Kociba, R. J., and Gehring, P. J. Immunotoxicologic Effects of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin in Laboratory Animals.
32. Kociba, R. J., Keyes, D. G., Beyer, J. E., Carreon, R. M., Wade, C. E., Dittenber, D. A., Kalnins, R. P., Frauson, L. E., Park, C. N., Barnard, S., Hummel, R. A., and Humiston, C. G. Results of Chronic Toxicity of TCDD in Rats. Presented at the Spring Scientific Meeting of the Midland, Michigan Chapter of the American Chemical Society, 1978.
33. Kociba, R. J., Keyes, D. G., Beyer, J. E., Carreon, R. M., and Gehring, P. J. Long-Term Toxicologic Studies of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) in Laboratory Animals. Presented at the New York Academy of Sciences, June 21-30, 1978, New York, NY.
34. Kociba, R. J., Keyes, D. G., Beyer, J. E., and Carreon, R. M. Toxicologic Studies of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) in Rats. Presented at 10th Conference on Toxicology and Occupational Medicine, University of Miami, FL, October 23-25, 1978.

The following four papers were presented at the 18th Annual Meeting of the Society of Toxicology, New Orleans, LA, March 11-15, 1979.

35. Jersey, G. C. and Kociba, R. J. The Importance and Results of Proper Morphologic Evaluation of the Nasal Turbinates in Inhalation Toxicity Studies.
36. Watanabe, P. G., Kociba, R. J., Keyes, D. G., Carreon, R. M., and Yakel, H. O. Acute and Subchronic Toxicity of α -Picoline in Rats.
37. Gorzinski, S. J., Nolan, R. J., Kociba, R. J., Karbowski, R. J., Wade, C. E., Morden, D. C., and Hermann, E. A. Results of a Subchronic Dietary Study of Hexachloroethane in Rats with Preliminary Data on Clearance from Selected Tissues.
38. Kociba, R. J., Keyes, D. G., Wade, C. E., Kalnins, R. P., Lisowe, R. W., and Dittenber, D. A. A Two-Year Chronic Toxicity and Oncogenic Study of 2,4,5-Trichlorophenoxyacetic Acid (2,4,5-T) in Rats.

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The following two papers were presented at the 19th Annual Meeting of the Society of Toxicology, Washington, DC, March 10-13, 1980.

39. Nitschke, K. D., Keyes, D. G., Kociba, R. J. A Ninety-Day Inhalation Toxicity Study of 2-Methyl-3-Butyn-2-ol in Rats and Mice.
40. Keyes, D. G., Kociba, R. J., Schwetz, R. W., Wade, C. E., Dittenber, D. A., Gorzinski, S. J., Quinn, T., Kalnins, R. P., Hermann, E. A., Momany, J. J., and Schwetz, B. A. Results of a Two-Year Chronic Toxicity and Oncogenic Study of Rats Ingesting Diets Containing Dibromoneopentyl Glycol (FR-1138).

The following two papers were presented at the 20th Annual Meeting of the Society of Toxicology, San Diego, CA, March 1-5, 1981.

41. Nitschke, K. D., Kociba, R. J., Keyes, D. G., and McKenna, M. J. A Thirteen- Week Inhalation Toxicity Study of Ethylene Dibromide in Rats.
42. Gorzinski, S. J., Kociba, R. J., Wade, C. E., Morden, D. C., Keyes, D. G., and Schwetz, B. A. 2,4-D((2,4-Dichlorophenoxy) Acetic Acid): Results of a 13-Week Feeding Study in CDF Fischer 344 Rats.
43. Kociba, R. J. The Toxicity of Dioxin Compounds. Presented at the 1981 Spring Meeting of the Central States Association of Food and Drug Officials, Grand Rapids, MI, May 5-7, 1981.
44. Nitschke, K. D., Kociba, R. J., Keyes, D. G. Thirteen-Week Repeated Inhalation Study of Ethylene Dibromide in Male and Female Rats. Presented at the Dow Spring Scientific Meeting, April 1980.
45. Keyes, D. G., Kociba, R. J., Henck, J. W., Blogg, C. D., Schuetz, D. J. Methyl Chloroacetate (MCAC): Results of an Eleven-Day Repeated Inhalation Toxicity Study in Rats. Poster presentation given at Michigan State University, East Lansing, MI, May, 1981.
46. Kociba, R. J. and Schwetz, B. A. A Review of the Toxicity of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) with a Comparison to the Toxicity of Other Chlorinated Dioxin Isomers. Spring, 1981 Meeting of Central States Association of Food and Drug Officials, Grand Rapids, Michigan, 1981.
47. Kociba, R. J., and Schwetz, B. A. Toxicity of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD). Presentation at Symposium entitled "Metabolism and Pharmacokinetics of Environmental Chemicals in Man". Sarasota, FL, June 7-12, 1981.

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PRESENTATIONS (Cont.)

48. Kociba, R. J. Laboratory Studies on the Identification of Environmental Causes of Cancer. Presentation at 1981 Annual Meeting of United Cancer Council, Midland, MI, October 22-24, 1981.
49. Kociba, R. J. Toxicological Studies of TCDD and Related Dioxin Isomers. International Symposium on Chlorinated Dioxins and Related Compounds. Arlington, VA, October 25-29, 1981.
50. Gorzinski, S. J., Jersey, G. C., Wade, C. E., Hermann, E. A., McCollister, S. B., and Kociba, R. J. Butyl and Methyl Acrylate: 13-Week Oral Toxicity Studies in CDF Fischer 344 Rats. Presented at 21st Annual Meeting of the Society of Toxicology, Boston, MA, February 22-26, 1982.
51. Keyes, D. G., Kociba, R. J., Henck, J. W. Nasal Mucosal Response Induced by a Respiratory Irritant. Presented at the 21st Annual Meeting of the Society of Toxicology, Boston, MA, February 22-26, 1982.
52. Kociba, R. J. Career Opportunities In Toxicologic Pathology. Michigan State University, Department of Pathology, Lansing, Michigan, February 16, 1982.
53. Kociba, R. J. Establishment of Adequate Margin of Safety for Chemical Carcinogens. Midwest Air Pollution Control Association Meeting, Southfield, Michigan, April 7, 1982.
54. Kociba, R. J. Carcinogenesis Testing in Toxicology. Midwest American Chemical Society Short Course, Northwood Institute, Midland, Michigan, June 14 and 15, 1982.
55. Kociba, R. J. Overview of the Animal Data Available for Assessment of Carcinogenic Potential of TCDD and Other Chlorinated Dioxins. Rockefeller University Symposium, New York, October 19 and 20, 1983.
56. Kociba, R. J. Pathologic Lesions Encountered During the Conduct of Long-Term Mammalian Toxicity Studies. University of Illinois, October, 1983.
57. Kociba, R. J. Evaluation of the Carcinogenic and Mutagenic Potential of 2,3,7,8-Tetrachlorodibenzo-p-dioxin and Other Chlorinated Dioxins. Banbury Conference Center, Cold Spring Harbor, New York, April 2-4, 1984.
58. Kociba, R. J. Overview of the Animal Toxicity Data on Chlorinated Dioxins. Ohio State University, April 24, 1984.

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PRESENTATIONS (Cont.)

59. Kociba, R. J. Laboratory Studies for the Detection of Carcinogenic Potential. Medical Education Conference, August 29, 1984. Midland Hospital Center, Midland, Michigan.
60. Kociba, R. J. Critique of Proposed Methodology for Assessment of Target Organ Toxicity (Human Health Effects). EPA Workshop. December 3-4, 1984, Cincinnati, Ohio.
61. Kociba, R. J. and Cabey, O. Comparative Toxicity and Biologic Activity of Chlorinated Dioxins and Furans Relative to 2,3,7,8-TCDD. 4th International Symposium on Dioxins, Ottawa, Canada, September, 1984.
62. Kociba, R. J. Concluding Summary on Aspects of Dioxin Issue-Toxicology and Epidemiology. 4th International Symposium on Dioxins. Ottawa, Canada, September, 1984.
63. Kociba, R. J. Evaluation of Global Literature for Definition of Dose-Response Relationship for Hexachlorobenzene Toxicity. International Agency for Research on Cancer. June, 1985.
64. Kociba, R. J. Review of the Toxicology of 2,3,7,8-TCDD and Related Compounds. 5th International Symposium on Dioxin. Bayreuth, FRG. September, 1985.
65. Kociba, R. J. Case Examples of Morphological and Mechanistic Studies of Hepatic and Renal Carcinogenesis. Workshop on Toxicity, Tumor Promotion and Carcinogenesis. Aspen, Colorado. July, 1985.
66. Kociba, R. J. Review of the Toxicology of 2,3,7,8-TCDD and Related Compounds. 5th International Symposium on Chlorinated Dioxins. Bayreuth, FRG, September, 1985.
67. Kociba, R. J. Analysis of the Animal Toxicity Studies of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Used in Derivation of Lifetime Exposure Control Limit Recommendations for Humans. ACS Annual Meeting, New York, NY. April, 1985.
68. Kociba, R. J. Overview of the toxicity of the Chlorodibenzo-p-dioxins/Furans and the Basis for Extrapolation from Animals to Man. National Council for Air and Stream Improvements. Chicago, IL. May, 1986.
69. Kociba, R. J. Overview of the toxicity of the Chlorodibenzo-p-dioxins/Furans and the Basis for Extrapolation from Animals to Man. Canadian Paper & Pulp Association. Toronto, Ontario, Canada. September, 1986.

PRESENTATIONS (Cont.)

70. Bond, D. M., Kociba, R. J., Keyes, D. G., Wall, J. M. and S. K. Weiss. Results of a One-Year Dietary Toxicity Study in Beagle Dogs Administered Cyhexatin. The 26th Annual Meeting of the Society of Toxicology. Washington, DC. Feb, 1987.
71. Kociba, R. J. Historical Perspectives on the Rationale for Selection of the Maximum Tolerated Dose (MTD) for Chronic Animal Studies. The 26th Annual Meeting of the Society of Toxicology, Washington, DC. Feb, 1987.
72. Kociba, R. J. Key Factors in the Interpretation and Extrapolation of Data Derived from Chronic Organ Toxicity Studies in Laboratory Animals. Spring 1987 Meeting of the American Conference of Chemical Labeling. Washington, DC. March, 1987.
73. Kociba, R. J. Toxicity of Combustion Products from Plastics Containing Brominated Flame Retardants Relative to the Toxicity of Brominated Dioxins and Furans. U.S. Industry User's Meetings. Washington, DC. 1987.
74. Kociba, R. J. Toxicity of Combustion Products from Plastics Containing Brominated Flame Retardants Relative to the Toxicity of Brominated Dioxins and Furans. VCI Industry User's Meeting. Frankfurt, Federal Republic of Germany, 1987.
75. Kociba, R. J. Selection of the MTD for Chronic Bioassays. Natural Institutes of Environ. Health Sciences Meeting. Research Triangle Park, NC, 1987.
76. Kociba, R. J. Application of Risk Assessment to Toxicologic Data. Toxicology Information Roundtable. Annual Meeting, Midland, MI, 1987.
77. Pinkerton, M., Kociba, R. J., Petrella, R. et al. Investigation of the Comparative Toxicity of Combustion Products of High Impact Polystyrene (HIPS) With and Without Decabromodiphenyl Oxide/Antimony Trioxide (DBDPO/Sb₂O₃) as a Flame Retardant Using 2,3,7,8-TBDD and 2,3,7,8-TBDF as Positive Controls. Dioxin '87 Meeting, Las Vegas, Nev., 1987.
78. Betso., J. and R. J. Kociba. Hazard Communication: The Case for Category IV" Cancer Information" 27th Annual Meeting of the Society of Toxicology, Dallas, Texas, 1988.
79. Pinkerton, M., Kociba, R. J., Petrella, R. et al. The Comparative Toxicity of Combustion Products of HIPS With and Without Decabromodiphenyl Oxide/Antimony Trioxide (DBDPO/Sb₂O₃) as a Flame Retardant Using 2,3,7,8-TBDD and 2,3,7,8-TBDF as Positive Controls. 27th Annual Meeting of the Society of Toxicology, Dallas, Texas, 1988.

CURRICULUM VITAE

BARRY LESTER YANO

EDUCATION:

1965-1970 -University of Minnesota,
St. Paul, Minnesota- B.S.

1968-1972 - University of Minnesota,
St. Paul, Minnesota - D.V.M.

1975-1981 - University of Minnesota,
St. Paul, Minnesota - Ph.D.

EMPLOYMENT:

1972-1973 - Intern, Department of Small
Animal Medicine, University of Minnesota
St. Paul, Minnesota.

1973-1975 - United States Air Force,
Base Veterinarian

1975-1980 - Veterinary Medical Associate,
Department of Veterinary Pathobiology,
College of Veterinary Medicine, University of
Minnesota, St. Paul, Minnesota.

1980-1984 - Project Leader - Pathology, Health and
Environmental Sciences, Toxicology Research
Laboratory, Dow Chemical, U.S.A., Midland,
Michigan.

1984-1989- Research Leader - Department of
Pathology, Mammalian and Environmental
Toxicology Research Laboratory, Health and
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Company, Midland, Michigan.

1989-present- Research Associate- Department of
Pathology, Mammalian and Environmental
Toxicology Research Laboratory, Health and
Environmental Sciences, Dow Chemical Company,
Midland, Michigan.

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JOB DESCRIPTION: Provides professional expertise in the areas of pathology, clinical pathology, and toxicology as needed to design, conduct, interpret, and report safety assessment studies conducted by the Mammalian and Environmental Toxicology Research Laboratory.

MEMBERSHIPS: American College of Veterinary Pathology
Society of Toxicologic Pathologists
Phi Zeta (Veterinary Honor Society)

CERTIFICATION: 1982 American College of Veterinary Pathologists

AWARDS: 1972 - Outstanding Achievement in Small Animal Medicine

1972 - Outstanding Achievement in Small Animal Surgery

1972 - Minnesota A.V.M.A., Outstanding Senior

1978 - Charles Louis Davis, D.V.M. Foundation Scholarship Award in Veterinary Pathology

PUBLICATIONS

Gray, G. W.; Yano, B. L.: A Study of the Actions of Methamprone and of a Commercial Intestinal Extract Preparation on Intestinal Motility. Am J Vet Res 36(2):201-208, 1975.

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Osborne, C. A.; Hammer, R. D.; Resnick, J.; Stevens, J.; Yano, B. L.; Vernier, R. L.: Natural Remission of Nephrotic Syndrome in a Dog with Immune-Complex Glomerular Disease. JAVMA 168(2):129-137, 1976.

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Segedy, A. K.; Yano, B. L.; Jeraj, K.: Sacral Spinal Cord Agenesis in a Kitten. JAVMA 174(5):510-512, 1979.

Jeraj, K.; Ogburn, P.; Johnston, G.; Edwards, W.; Yano, B.; Brunson, D.; Wallace, L.; McGrath, C.: Atrial Spetal Defect (Sinus Venosus Type) in a Dog. JAVMA 177(4):342-346, 1980.

Yano, B. L.: Feline Insular Amyloid. Ph.D. Thesis, 1981.

Yano, B. L.; Johnson, K. H.; Hayden, D. W.: Feline Insular Amyloid: Histochemical Distinction from Secondary Systemic Amyloid. Vet Path 18(2):181-187, 1981.

Yano, B. L.; Hayden, D. W.; Johnson, K. H.: Feline Insular Amyloid: Incidence in Adult Cats with No Clinicopathologic Evidence of Overt Diabetes Mellitus. Vet Path 18(3):310-315, 1981.

Yano, B. L.; Hayden, D. W.; Johnson, K. H.: Feline Insular Amyloid: Association with Diabetes Mellitus. Vet Path 18(5):621-627, 1981.

Yano, B. L.; Hayden, D. W.; Johnson, K. H.: Feline Insular Amyloid Ultrastructural Evidence for Intracellular Formation by nonendocrine Cells. Lab Invest 45(2):149-156, 1981.

Jeraj, K.; Yano, B.; Osborne, C. A.; Wallace, L. J.; Stevens, J. B.: Primary Hepatic Osteosarcoma in a Dog. JAVMA 197(10):1000-1003, 1981.

O'Brien, T. D.; Osborne, C. A.; Yano, B. L.: Clinicopathologic Manifestations of Progressive Renal Disease in Lhasa and Shih Tzu Dogs. JAVMA 180(6):658-664, 1982.

Yano, B. L.; Hayden, D. W.; Johnson, K. H.: Occurrence of Secondary Systemic Amyloid in the Pancreatic Islets of a Cat. AJVR 44(2):338-339, 1983.

Landry, T. D.; Gushow, T. S.; Yano, B. L.: Propylene Glycol Monomethyl Ether: A 13-Week Inhalation Study in Rats and Rabbits. Fundam. Appl. Toxicol. 3:627-630, 1983.

Harley, T. R., Jr.; Calhoun, L. L.; Yano, B. L.; Rao, K. S.: Teratologic Evaluation of Inhaled Propylene Glycol Monomethyl Ether in Rats and Rabbits. Fundam. Appl. Toxicol. 4(5):784-794, 1984.

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CURRICULUM VITAE

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EDUCATION: 1980 - B. S. Medical Technology - Michigan State University

1984 - D.V.M. - Michigan State University

1987-88 - Pathology Residency, University of Pennsylvania, School of Veterinary Medicine

1976 - Byron Center High School, Byron Center, Michigan

EMPLOYMENT: 1984-85 - Pet Veterinary Clinic, Grandville, Michigan - veterinarian in private small animal practice

1989-present - Project Leader - Pathology Section, The Toxicology Research Laboratory, Health and Environmental Sciences, The Dow Chemical Company

INDUSTRIAL PATHOLOGY TRAINING: 1988 - Three month externship at E. I. du Pont de Nemours and Co., Inc., Haskell Laboratory for Toxicology and Industrial Medicine, Newark, Delaware

RESEARCH EXPERIENCE: Co-Investigator in the project entitled "Ultrasonographic Evaluation of Tendon and Ligament Injuries in the Horse: Correlation with Gross and Histopathologic Findings". Supported by a grant from the Grayson Foundation

TEACHING EXPERIENCE: 1985-88 - University of Pennsylvania. Assistance with laboratory teaching of Core Pathology. Assistance with instruction of senior veterinary students on large and small animal necropsy rotations.

BFG41309

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1987-88 - Philadelphia College of Pharmacy and Science. Lectures to undergraduate toxicology students in "Principles of Pathobiology" course. Upper and lower digestive systems, bone and connective tissue.

1988-89 - Cornell University. Instruction of veterinary pathology residents in diagnostic pathology

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SOCIETIES:**

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Merck Award (for highest GPA in my freshman veterinary class) Michigan State University, 1981

Membership in Society of Phi Zeta, the National Honor Society of Veterinary Medicine, for ranking in the top ten of my junior veterinary class, Michigan State University, 1983.

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PUBLICATIONS:

See Attached

ABSTRACT:

See Attached

Reviewed/Revised:

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Date: 15 March 1995

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- 2) Stebbins, K. E. and McGrath, J. T. Meningio-angiomas in a Dog. Veterinary Pathology 25 (2):167-168 (1988).
- 3) Stebbins, K. E. Polycystic Kidney and Liver Disease in an Adult Persian Cat. Journal of Comparative Pathology 100:327-330 (1989).
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