AGENDA

Conference on "Dibenzodioxins & Dibenzofurans"

April 2-3, 1973

Monday, April 2

8:30 a.m.	Welcome	J. A. Moore, Chairman D. P. Rall, Director, NIEHS
	Chairman, Morning Session: John A. Moore, NIEHS	
8:45 a.m.	Formation of Dibenzodioxins and other Condensation Products from Chlorinated Phenols and Derivatives	H. Langer, Dow Chemical
9:05 a.m.	Discussion	
9:10 a.m.	Analytical and Confirmative Techniques for Dibenzo-p-dioxins Based Upon Their Cation Radicals	A. E. Pohland, FDA
9:25 a.m.	Determination of Chlorinated Dibenzodioxins and Dibenzofurans in Various Materials	W. Crummett, Dow Chemical
9:40 a.m.	Discussion	
9:50 a.m.	An Analytical Method for Detecting TCDD	R. Baughman, Harvard
10:05 a.m.	Discussion	
10:10 a.m.	Coffee Break	
10:25 a.m.	Various Chlorinated Dimers Present in Several Technical Chlorophenols Used as Fungicides	S. Jensan, University of Stockholm
10:40 a.m.	Technical Pentachlorophenols Origin and Analysis of Base Insoluble Contaminants	J. Plimmer, USDA
10:60 a.m.	Studies on the Formation Potential and Presence of Chlorinated Dibenzofurans in Chlorinated Biphenyls	I. Pomrantz, FDA
11:00 a.m.	Discussion	
11:15 a.m.	Synthesis of New Steric and Electronic Analogs of 2,3,7,8 TCDD	J. Wade, University of Rochester
11:25 a.m.	Discussion	
11:30 a.m.	Lunch	
	Chairman, Afternoon Session: Robert L. Dixon, NIEHS	
12:45 p.m.	Etiology of Chick Edema Disease	D. Firestone, FDA
1:05 p.m.	Discussion	
1:10 p.m.	A Survey of the Teratogenic Effects of TCDD in Mammalian Species	D. Neubert, Free University, Berlin
1:25 p.m.	Postnatal Effects of Maternal Exposure to TCDD	J. Moore, NIEHS
1:40 p.m.	Discussion	
1:50 p.m.	Chlorodibenzo-p-dioxin Toxicology	B. Schwetz, Dow Chemical
2:05 p.m.	General Biological Effects of TCDD in Laboratory Animals	J. Moore, NIEHS
2:15 p.m.	Discussion	
2:25 p.m.	Hematologic and Clinical Chemistry Effects of TCDD in Laboratory Animals	J. Zinkl, NIEHS
2:40 p.m.	Effects of TCDD on Hemostasis and Hematologic Function in the Rat	J. Weissburg, NIEHS
2:50 p.m.	Discussion	
3:00 p.m.	Coffee Break	
3:20 p.m.	Pathologic Effects of TCDD in Laboratory Animals	B. Gupta, NIEHS
3:40 p.m.	Ultrastructural Changes in Rat Liver Cells Following a Single Injection of TCDD	B. Fowler, NIEHS
3:50 p.m.	Discussion	

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4:00 p.m.	Effect of TCDD on the Immune System of Laboratory Animals	J. Vos, NIEHS
4:20 p.m.	Discussion	
4:25 p.m.	Carcinogenesis Bioassay of Chlorinated Dibenzo-dioxins and Related Chemicals	M. King, IIT Research Institute
4:45 p.m.	Discussion	
4:50 p.m.	Chlorinated Dibenzodioxins and Penta-chlorophenol	R. Johnson, Dow Chemical
5:10 p.m.	Discussion	
5:15 p.m.	OPEN	
6:00 p.m.	COCKTAILS	
6:30 p.m.	OPEN - Dinner	
	Chairman, Evening Session: J. G. Vos, NIEHS	
8:00 p.m.	Chloracne and Associated Problems	R. Suskind, University of Cincinnati
8:20 p.m.	Discussion	
8:25 p.m.	Acute and Chronic Toxicity of TCDD in Aquatic Organisms	R. Miller, U. S. Forestry Service
8:45 p.m.	Acute and Chronic Oral Toxicity of Chlorinated Dibenzofurans to Salmonid Fishes	V. Zitko, Environmental Fisheries Research, Canada
9:00 p.m.	Discussion	
9:10 p.m.	The Search for Chlorinated Dibenzofurans and Dibenzodioxins in Wildlife Populations Showing Elevated Levels of Embryonic Death	G. W. Bowes, Canadian Wildlife Service, Canada
9:25 p.m.	Discussion	

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Tuesday, April 3

8:30 a.m.	Announcements	J. A. Moore, Chairman
	Chairman, Morning Session: Perry Gehring, Dow Chemical	
8:35 a.m.	Studies on TCDD Induced Changes in Rat Liver Microsomal and Mitochondrial Enzymes	G. Lucier, NIEHS
8:55 a.m.	Biochemical Toxicity of TCDD in Rat Liver	J. Greig, MRC Labs, England
9:15 a.m.	Studies of the Effects of TCDD on Mammalian Hepatic δ-Aminolevulinic Acid Synthetase	J. Woods, NIEHS
9:30 a.m.	Discussion	
9:45 a.m.	Th Effect of TCDD on Biliary Excretion of Indocyanine Green	S. Hwang, NIEHS
9:55 a.m.	Discussion	
10:00 a.m.	Coffee Break	
10:20 a.m.	Chlorinated Dibenzodioxin Distribution within Rat Tissues and Subfractions of Liver	J. Allen, University of Wisconsin
10:35 a.m.	Discussion	
10:40 a.m.	Studies on the Mechanism of Action of the Halogenated Dibenzo-p-dioxins	A. Poland, University of Rochester
11:10 a.m.	Discussion	
11:15 a.m.	Lunch	
	Chairman, Afternoon Session: David P. Rall, NIEHS	
1:00 p.m.	Studies on the Bioaccumulation and Microbial Degradation of TCDD	F. Matsumura, University of Wisconsin
1:20 p.m.	Discussion	
1:25 p.m.	Environmental Generation and Degradation of Dibenzodioxins and Dibenzofurans	D. Crosby, University of California, Davis
1:45 p.m.	Photochemical Degradation of Di- and Octachlorodibenzofurans	W. Zitko, Canada
2:00 p.m.	Discussion	
2:10 p.m.	Tetrachlorodibenzodioxin in the Environment: Sources Fate and Decontamination	P. Kearney, USDA
2:30 p.m.	Discussion	
2:35 p.m.	Conference Summary	E. Burger, Office of Science & Technology

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