CONTENT

1.	Metabolism of Organophosphorus Insecticides in Aquatic Organisms, with Special Emphasis				
	On Fenitrothion	3			
2.	Disposition of Polychlorinated Biphenyls in Fish	21			
3.	Metabolism of Cyclodiene Insecticides by Fish				
4.	Disposition and Metabolism of Aromatic Hydrocarbons in Marine Organisms				
5.	Metabolism of Phthalate Esters in Aquatic Species				
6.	Metabolism of the Thiocarbamate Herbicide Molinate (ORDRAM) in Japanese Carp				
7.	Biotransformation of Selected Chemicals by Fish				
8.	Metabolism of Pentachlorophenol in Fish	131			
9.	The Disposition and Biotransformation of Organochlorine Insecticides in Insecticide-Resistant				
	And Susceptible Mosquitofish	145			
10.	Metabolism of Insect Growth Regulators in Aquatic Organisms	161			
11.	The Fate of Highly Brominated Aromatic Hydrocarbons in Fish	177			
12.	A Terresstrial-Aquatic Model Ecosystem for Evaluating the Environmental Fate of Drugs and				
	Related Residues in Animal Excreta	183			
13.	Modeling Aquatic Ecosystems for Metabolic Studies	195			
14.	Investigation of Xenobiotic Metabolism in Intact Aquatic Animals	217			
15.	Xenobiotic Transport Mechanisms and Pharmacokinetics in the Dogfish Shark	233			
16.	Disposition of Toxic Substances in Mussels (Mytilus califorianus) Preliminary Metabolic				
	And Histologic Studies	259			
17.	Cytochrome P-450 in Fish Liver Microsomes and Carcinogen Activation	279			
18.	Microsomal Mixed-Function Oxidation in Untreated and Polycyclic Aromatic Hydrocarbon				
	Treated Marine Fish	297			
19.	Induction of Hepatic Microsomal Enzymes in Rainbow Trout	319			
20.	Further Studies on the Effect of Petroleum Hydrocarbons on Mixed-Function Oxidases in				
	Marine Organisms	339			
21.	In Vivo and In Vitro Studies of Mixed-Function Oxidase in an Aquatic Insect, Chironomus				
	Riparius	349			
22.	Degradation of Pesticides by Algae and Aquatic Microorganisms	371			
23.	Dietary Casein Levels and Affatoxin B1 Metabolism in Rainbow Trout (Salmo gairdneri)	389			
24.	Alterations in Rainbow Trout Liver Function and body Fluids Following Treatment with				
	Carbon Tetrachloride or Monochlorobenzene	401			
Ind	ex	417			