## CONTENTS

## **PLANTS**

1.	Xenobiotic Metabolism in Plants: In Vitro Tissue, Organ, and Isolated Cell Techniques	3
2.	Xenobiotic metabolism in Higher Plants: In Vitro Tissue and Cell Culture Techniques	35
3.	Pesticide Metabolism in Higher Plants: In Vitro Enzyme Studies	77
	ANIMALS	
4.	Techniques for Studying the Metabolism of Xenobiotics by Intact Animal Cells, Tissues,	
	And Organs In Vitro	131
5.	The Use of Animal Subecellular Fractions to Study Type I Metabolism of Xenobiotics	149
6.	The Use of Animal Subcellular Fractions to Study Type II Metabolism of Xenobiotics	181
	INSECTS	
7.	Methods for the Study of Metabolism of Xenobiotics in Insect Cell and Organ Cultures	233
8.	The Use of Insect Subcellular Components for Studying the Metabolism of Xenobiotics	249
9.	The Use of In Vitro Techniques to Study the Comparative Metabolism of Xenobiotics	285
Index		321