

## CONTENTS

1.	Systematic Toxicity Testing for Xenobiotics in Foods	1
2.	Protease and Amylase Inhibitors in Biological Materials	15
3.	Antibiotics in Foods	47
4.	Effects of Lipid Hydroperoxides on Food Components	63
5.	Some Lipid oxidation Products as Xenobiotics	85
6.	Metabolism of Comutagens and Mutagens Produced from Tryptophan Pyrolysis	99
7.	Mutagens in Cooked Food	149
8.	Biological Properties of Heated Dietary Fats	129
9.	Mutagens in Cooked Food	149
10.	D-Amino Acids in Processed Proteins: Their Nutritional Consequences	169
11.	Absorption of Altered Amino Acids from the Intestine	187
12.	Lysimoalanine Formation in Severely Treated Proteins	203
13.	Isopeptides: The Occurrence and Significance of Natural and Xenobiotic Crosslinks in Proteins	221
14.	Mode of Formation of Aflatoxin in Various Nut Fruits and Gross and Histologic Effects Of Aflatoxins in Animals	233
15.	The Vomitoxin Story	241
16.	Aflatoxins in Corn	249
17.	Detection of Trichothecene Mycotoxins: Quantitation of Deoxynivalenol by Negative Chemical Ionization Mass Spectrometry	271
18.	Antinutrients and Allergens in Oilseeds	283
19.	Psoralens as Phytoalexins in Food Plants of the Family Umbelliferae: Significance in Relation to Storage and Processing	295
20.	Food, Drug, and Cosmetic Colors: Toxicological Considerations	311
21.	Analysis of Carrot Constituents: Myristicin, Falcarinol, and Falcarindiol	333
22.	Ingestion of Pyrrolizidine Alkaloids: A Health Hazard of Global Proportions	345
23.	Physiological, Toxicological, and Nutritional Aspects of Various Maillard Browning Proteins	379
	Author Index	409
	Subject Index	409