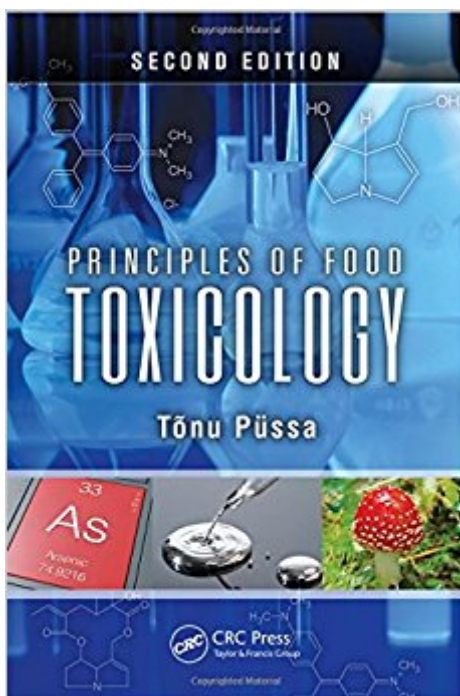


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Principles Of Food Toxicology, Second Edition



Synopsis

Following in the tradition of the popular first edition, *Principles of Food Toxicology, Second Edition* integrates the general principles of toxicology with a systematic characterization of the most important food-borne toxicants. Ideal as a textbook in a food toxicology course, and also as a monograph dealing with principles of food toxicology as the whole, and, due to sufficiently increased number of references, a source of elaborated scientific information, the second edition has been significantly revised and updated with new theories, opinions, and methods. It also provides expanded coverage of entry and absorption of foreign substances, carcinogenicity, reproductive and developmental toxicology, multi-organ toxicity, and flavor enhancers. See What's New in the Second Edition: Role of lymph in transport of xenobiotics Reproductive and developmental toxicity, risk-benefit analysis Trans fatty acids Soybean as a source of possible toxicants Aluminum from cookware Glutamates New chapter on food adulteration Updated and additional references

The book introduces the principles of toxicology at the molecular, cellular, and organism level. It provides a moderately rigorous treatment of biochemistry and chemistry with explanations of the mechanisms of toxic effect and medicinal consequences. The book arms toxicologists against new challenges in food safety brought on by long-term and often hard-to-diagnose effects of plant and animal toxicants that have already developed extensively by the time of discovery.

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