

Book Review

Book Review: “Bagchi D., Swaroop A. (2017). Food Toxicology. CRC Press, Boca Raton. ISBN: 978-1-4987-0874-6”

I am so glad to find a new released textbook at 2017 in food toxicology scope and acclaim its two scientist editors named *D. Bagchi* as well as *A. Swaroop* who edited their book entitled “Food toxicology” published by CRC press. It seems that this book is one of the most comprehensive of its kind having 25 chapters followed: 1-Dose–Response: An Overview and Significance in Food Toxicology; 2-Measurement of Toxicants and Toxicity; 3- A Review on Food-Associated Carcinogenesis; 4- Food Chemical Carcinogens: Sources and Mechanism of Exogenous DNA Adduct Formation; 5- Absorption of Food Toxicants: An Overview on Polycyclic Aromatic Hydrocarbons; 6- Overview of Food Allergy in Children and Adults; 7- Pathogens Associated with Fruits and Vegetables: Contamination, Incidences, and Prevention; 8- Safety Issues of Food Ingredients from Plant Cell, Tissue, and Organ Cultures: An Explication; 9- Food Security and Foodborne Mycotoxicoses, Risk Assessment, Preventive Measures, and Underestimated Hazard of Masked Mycotoxins or Joint Mycotoxin Interaction; 10- Exposure of Radionuclides in Foods: Major Challenges; 11- Infant Toxicology: Overview and Considerations for the Safety Assessment of Products for Infants; 12- Naturally Occurring Toxicants as Etiologic Agents of Foodborne Disease; 13- Natural Toxins and

Antinutrients in Plants and Fungi: Ecological Biochemistry of Food; 14- A Review on Mushroom Toxins; 15- Dioxins and Related Compounds in the Human Food Chain; 16- A Review on Mercury Toxicity in Food; 17- Tea Beverages and Extracts as a Source of Exposure to Lead and Other Heavy Metals; 18- Dual Effects of Vanadium: Toxicity Analysis in Developing Therapeutic Lead-Ups; 19- Fluoride Toxicity: A Major Health Hazard; 20- Antioxidant Additives in Food Preservation and Human Health; 21- Industrial Food Processing Contaminants; 22- Targeting Cancer Stem Cells by Functional Foods and Their Constituents; 23- Packaging: A Noteworthy Feature in Food Safety; 24- Role of Gut Microbiome in the Modulation of Environmental Toxicants and Therapeutic Agents; 25- The Future of GM Foods or GM Foods of the Future: Where Is the Biotech Revolution Heading?. Finally, I thank that this new book would be a valuable textbook for students of courses related to food hygiene and safety.

S. Mason

*School of Biology, Faculty of Biological Sciences,
University of Leeds, Leeds, UK*

E-mail: s.mason@leeds.ac.uk

To cite: Mason S. (2017). Book Review: “Bagchi D., Swaroop A. (2017). Food toxicology. CRC press, Boca Raton. ISBN: 978-1-4987-0874-6”. *Journal of Food Quality and Hazards Control*. 4: 63.