

Key Features:

- **Includes information on blockchain for food traceability analysis**
- **Discusses consumer preferences and perceptions regarding food traceability drivers and food fraud**
- **Presents approaches of authentication for food of animal origin and omics-based technologies**

Περιεχόμενα:

- 1. Food authentication: Introduction, techniques and prospects**
- 2. Food Fraud**
- 3. Chromatographic methods**
- 4. Mass Spectrometry in Food Authenticity and Traceability**
- 5. Chemical Imaging in Food Authentication**
- 6. Non-targeted fingerprinting approaches**
- 7. DNA-based techniques**
- 8. Omics-based technologies for food authentication and traceability**
- 9. Proteomics for food authentication**
- 10. Future challenges on the use of blockchain for food traceability analysis**
- 11. Regulatory aspects**
- 12. Metabolomic approaches**