

REVIEWS

- Advances in selenium-enriched foods: From the farm to the fork** by Jie Wan, Min Zhang and Benu Adhikari 1
- Challenges to improve the safety of dairy products in China** by Xuli Wu, Yuqin Lu, Haoxie Xu, Moyang Lv, Dongsheng Hu, Zhendan He, Lizhong Liu, Zhimei Wang and Yue Feng 6
- A review: Breathable films for packaging applications** by Dowan Kim and Jongchul Seo 15
- An overview of the traditional and innovative approaches for pectin extraction from plant food wastes and by-products: Ultrasound-, microwaves-, and enzyme-assisted extraction** by Mirela Marić, Antonela Ninčević Grassino, Zhenzhou Zhu, Francisco J. Barba, Mladen Brnčić and Suzana Rimac Brnčić 28
- What are the scientific challenges in moving from targeted to non-targeted methods for food fraud testing and how can they be addressed? – Spectroscopy case study** by Terry F. McGrath, Simon A. Haughey, Jenny Patterson, Carsten Fahl-Hassek, James Donarski, Martin Alewijn, Saskia van Ruth and Christopher T. Elliott 38
- Improving the bioavailability of phenolic compounds by loading them within lipid-based nanocarriers** by Afshin Faridi Esfanjani, Elham Assadpour and Seid Mahdi Jafari 56

Ensuring sufficient intracellular ATP supplying and friendly extracellular ATP signaling attenuates stresses, delays senescence and maintains quality in horticultural crops during postharvest life by Morteza Soleimani Aghdam, Abbasali Jannatizadeh, Zisheng Luo and Gopinadhan Paliyath	67
Nutritional, functional and biological properties of insect proteins: Processes for obtaining, consumption and future challenges by Ruann Janser Soares de Castro, André Ohara, Jessika Gonçalves dos Santos Aguilár and Maria Aliciane Fontenele Domingues	82
Meeting the challenges in the development of risk-benefit assessment of foods by Maarten J. Nauta, Rikke Andersen, Kirsten Pilegaard, Sara M. Pires, Gitte Ravn-Haren, Inge Tetens and Morten Poulsen	90
Diversity and fate of spore forming bacteria in cocoa powder, milk powder, starch and sugar during processing: A review by Ana Paula Maciel Pereira and Anderson S. Sant'Ana	101
Emerging technologies: Back to the future by Dietrich Knorr	119