

TRENDS IN FOOD SCIENCE & TECHNOLOGY

SPECIAL ISSUE: NANOTECHNOLOGY IN FOODS: SCIENCE BEHIND AND FUTURE PERSPECTIVES

EDITORIAL

- Nanotechnology in foods: Science behind and future perspectives** by Paul M. Finglas, Rickey Y. Yada and Fidel Toldrá 125

REVIEWS

- Scientific basis of nanotechnology, implications for the food sector and future trends** by M. Rossi, F. Cubadda, L. Dini, M.L. Terranova, F. Aureli, A. Sorbo and D. Passeri 127

- Nanotechnology development in food packaging: A review** by S.D.F. Mihindukulasuriya and L.-T. Lim 149

- Nanotechnology for increased micronutrient bioavailability** by Iris J. Joye, Gabriel Davidov-Pardo and David Julian McClements 168

- Developments in nanoparticles for use in biosensors to assess food safety and quality** by Keith Warriner, Subrayal M. Reddy, Azadeh Namvar and Suresh Neethirajan 183

- State of the safety assessment and current use of nanomaterials in food and food production** by Hans Bouwmeester, Puck Brandhoff, Hans J.P. Marvin, Stefan Weigel and Ruud J.B. Peters 200

- Consumer attitudes towards nanotechnologies applied to food production** by L.J. Frewer, N. Gupta, S. George, A.R.H. Fischer, E.L. Giles and D. Coles 211

VIEWPOINT

- Implications of nanotechnology for the agri-food industry: Opportunities, benefits and risks** by Caroline E. Handford, Moira Dean, Maeve Henchion, Michelle Spence, Christopher T. Elliott and Katrina Campbell 226