

## ABOUT THE TASK FORCE

European citizens discard on average 157 kg of packaging per person every year, of which more than two thirds come from food. It is important to find a good balance between the benefits of packaging in terms of food protection and its impact on the environment.

Recent improvements in food production and distribution have led to an increased sophistication of food packaging. A careful evaluation of food contact materials and their interactions with food is needed to ensure consumers' safety at minimal environmental impact and the Packaging Materials Task Force explores this.



## WHAT'S NEW?

### PUBLICATIONS

The manuscript on '**Outlook and Challenges of Nanotechnologies for Food Packaging**' has been published in *Packaging Technology and Science* in June 2016.

### BLACK & WHITE REPORTS

The task force is currently updating two reports on packaging materials (PET and Polystyrene), and has commissioned a 10<sup>th</sup> report on Adhesives.

### NEW ACTIVITY PROPOSAL

on 'Standardisation of Analytical Testing for NIAS for Food Contact Materials'

## ACTIVITIES

### Roles and Applications of *In Vitro* Bioassays in Safety Evaluation of Food Contact Materials

There is an urgent need to better understand the actual safety significance of food contact materials (FCM) as a source of chemical exposure in human. *In vitro* bioassays may play a role in the assessment of complex mixtures of chemicals migrating from FCM. However,

none of these have been specifically assessed for their suitability to address the safety of non-intentionally added substances (NIAS). Thus, the expert group will clarify the roles, availability and reliability of bioassays for packaging safety assessment.

### 6<sup>th</sup> International Symposium on Food Packaging

The ILSI Europe International Symposia on Food Packaging are held every four years and are internationally recognised as scientific fora to discuss the science that ensures the safety and quality of food packaging. Following the success of the 5<sup>th</sup>

Symposium on Food Packaging held in Berlin in November 2012, a 6<sup>th</sup> symposium was held in November 2016 emphasizing again the innovations in the area of food packaging. The proceedings will be published soon.



# Packaging Materials Task Force

## MEMBER COMPANIES

- Danone
- Dow Europe
- DuPont de Nemours
- FrieslandCampina
- Mars
- Mayr-Melnhof Karton
- Mondelēz International
- Nestlé
- Omya International
- PPG Industries
- Swiss Quality Testing Services
- Tetra Pak
- The Coca-Cola Company
- The Valspar Corporation

## RECENT PUBLICATIONS

Y. Wyser, M. Adams, M. Avella, D. Carlander, L. Garcia, G. Pieper, M. Rennen, J. Schuermans and J. Weiss. **Outlook and Challenges of Nanotechnologies for Food Packaging.** *Packaging Technology and Science* 2016.

S. Koster, M.H. Bani-Estivals, M. Bonuomo, E. Bradley, M.C. Chagnon, M.L. Garcia, F. Godts, T. Gude, R. Helling, P. Paseiro-Losada, G. Pieper, M. Rennen, T. Simat, L. Spack. **Guidance on Best Practices on the Risk Assessment of Non Intentionally Added Substances (NIAS) in Food Contact Materials and Articles.** *ILSI Europe Report Series* 2015: 1-70.

A. Ariosti *et al.* **Food Packaging: Scientific Developments supporting Safety and Innovation.** *Food Additives and Contaminants.* 2014; 31(3):341-565. (Proceedings)

**All publications commissioned by this task force are available on our website: [www.ils.eu](http://www.ils.eu).**

**For more information on ILSI Europe's activities, don't forget to follow us on Twitter @ILSI\_Europe and connect with us on LinkedIn.**

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