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UNIVERSIDADE
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Exposure to chemicals from food packaging. Study and evaluation of new-emerging contaminants

(Supported by Ministry of Economy and Competitiveness)

Project aims to:

- Study of the risk assessment by estimating exposure to certain chemicals transferred from food contact materials.
- Establish an analytical protocol for the identification of NIAS. At present there is not standard method for addressing this subject.



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Study design

- Selection of the Population of interest (f.i. infants, adults, elderly, specific groups).
- Selection of target migrants (IAS, including prepolymers), packaging and foods.
- Food sample collection (regarding possible variables affecting migration).
- Selection and development of analytical methods, screening of packaging (identification of possible migrants), food sample preparation (f.i. pools, cooking of foods) and food analysis.
- Estimation of exposure.



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Special focus on pre-polymers

- When used as monomers or other starting substances, Pre-polymers are substances authorized if the monomers or starting substances required to synthesise them are included in the Union list (Regulation 10/2011, article 6).
- Pre-polymers are not evaluated as such. They have not specific restrictions, only subject to overall migration limit. Not included in the Union list and excluded from assessment of substances in accordance with internationally recognised scientific principles on risk assessment (article 19).

Special focus on pre-polymers

- Pre-polymers are a not well known group of substances.
- To know the concept, nature and uses of these substances in the frame of Food Contact Materials (coatings, adhesives, paper and board, etc.), as well as the migration levels in foods, is in the interest of Food safety.
- We invite to the FIP group to collaborate in this research.



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Thank you for your attention

EFSA / FIP FCM Network, 3rd meeting 24-26 May 2016