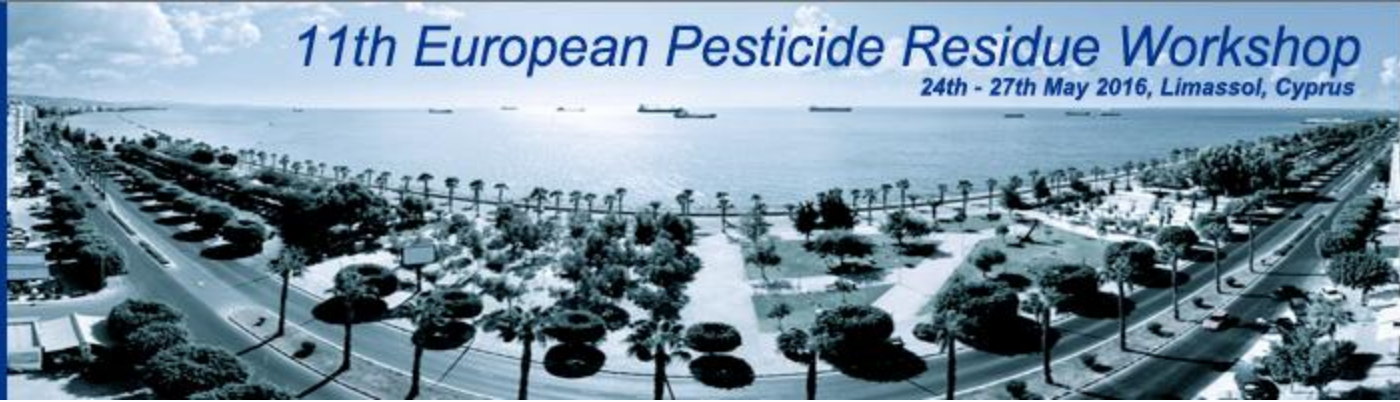




11th European Pesticide Residue Workshop  
24th - 27th May 2016, Limassol, Cyprus



Over 300 scientists met at the EPRW to discuss analysis and regulations for pesticides in foods and drink (not environmental).

EPRW is held every 2 years.

**May 24 – 27, 2016**

**Limassol, Cyprus**

See more at <http://eprw2016.com/>

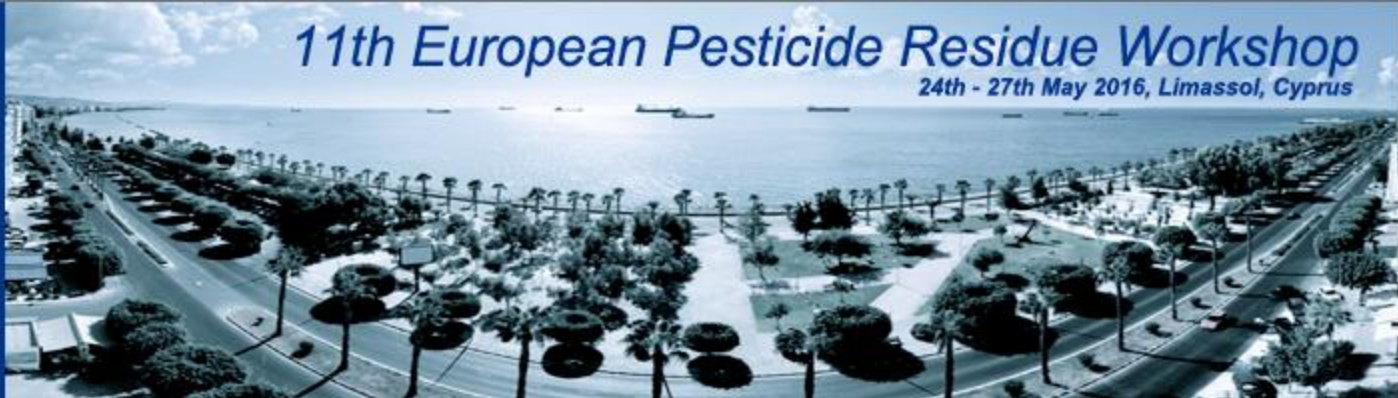


Keynote: Thierry Delatour, Nestle – *“Research and quality control of pesticides in foods”*

25 Quality Laboratories support 447 factories and 2000+ brands

Keynote: Bruno Dujardin, EFSA

The European Food Safety Authority to work more closely with monitoring laboratories when recommending MRLs and LOQs



- **Ms. Veerle Vanheusden, European Commission**

Sets MRLs and implements Codex MRLs and implementing cumulative risk assessment

- **Daniela Brocca, EFSA, Italy**

All member lab's data submitted and reviewed to develop risk-based monitoring programs

- **Ralf Lippold, EU reference lab for pesticides in foods of animal origin**

Described analysis of muscle and fat



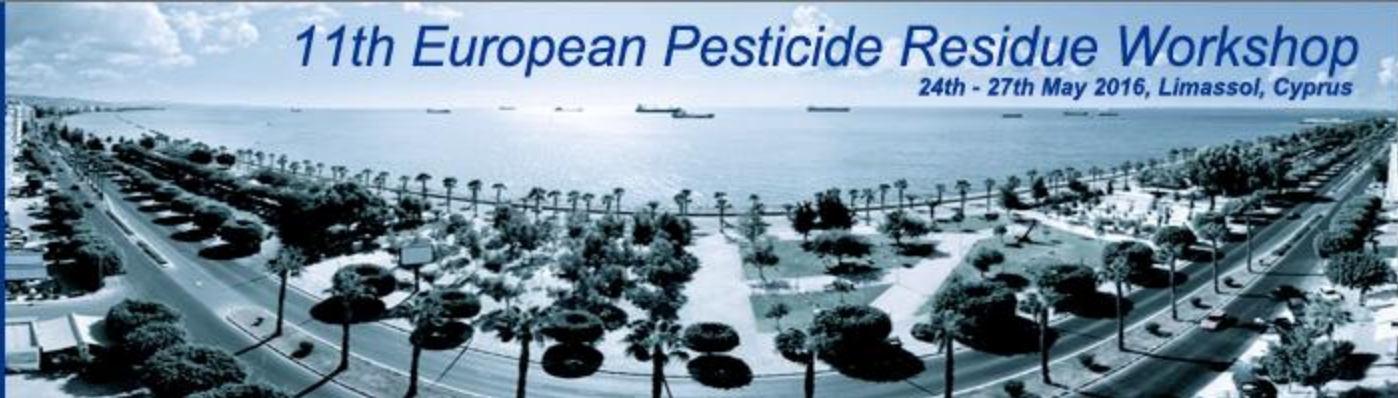
- Caroline Harris, Exponent International Ltd

Threshold of toxicological concern risk assessment

- Toxicology of Glyphosate

“Glyphosate is remarkable innocuous when animals are exposed to residues associated with legal application rates.”

“ Classification of glyphosate as a probable human carcinogen by Inter. Agency for Research on Cancer (IARC) belies myriad risk assessments...tha consider this effect to be highly unlikely.”



## Sample Preparation

Theory and practical aspects – J.M.Cook

Sample processing variability – A. Ambrus

Processing cereals – M. Poulsen

Liquid nitrogen quick cryomilling – M. Roussev

High-throughput processing – T. Anspach

Processing decomposition and processing factors – M. Hermann

Pesticides requiring special processing – M. Anastassiades



- Incurred Residue Extraction – J. Heidler
- Ion Mobility MS – J. Hajslova
- Comparison of HRMS – A. Fernandez-Alba
- LC QTOF in routine analysis – L. Humbert
- Orbitrap Compound Database – J. Wang
- On-line dilution, dual mixers – K. Mastovska
- GC-Orbitrap MS – H. Mol



- 205 Posters
- Ambient vs cryo processing
- Difficult pesticides (glyphosate, carbofuran total, thymol, herbicides, ethoxyquin, thiram, ziram...)
- Difficult matrices (spices, fish oil, fish, tea, wine, manure, urine, hair...)
- Novel SPE: dual layer, Lipid removal
- QuEChERS and NCI MS/MS
- Automated QuEChERS – Automate Q40 or Micro SPE