



## **ESR1**

# **Migration Pathways to the environment – “Horizon Scanning” for flame retardants (FRs) present in consumer goods and construction materials**

Toxicological Center, University of Antwerp, Belgium



## WP1 – Migration pathways ESR1- tasks

- Screen a broad range of commonly used consumer goods (electronics, furniture, carpets, curtains, plastic toys etc.) and building construction materials
- Tools: GC-MS, GC-MSMS and LC-QTOFMS
- Focus - identifying and quantifying FRs hitherto either un- or rarely-detected
- The presence of such “emerging” FRs detected in products will be investigated in indoor air and dust.
- Providing/assisting with analytical methods for “emerging” FRs to be used also by other trainees.



## Requirements

- MSc degree in chemistry (preferably in analytical and/or environmental)
- In the first four years (full-time equivalent) of your research careers (measured from the date when the degree was obtained)
- Familiar with chromatographic techniques (GC-MS and LC-MS)



## Candidate selection

- 37 candidates:
- 3 already PhDs
- 3 non-eligible (> 12 months in Belgium)
- 5 non-eligible (degree >4 years ago)
- 19 countries
- various specializations, most NOT environmental/analytical chemistry
- India (8), Poland (2), Latvia (2)



## Short List:

1. USA: Seth Newton – SU (Cindy)?
2. Poland: Krzysztof Okonski – interested to stay in Germany
3. Romania: Alin Ionas - OK
4. Bulgaria: Karatliev - rather poor English, only chemistry
5. Poland: Kucharska – candidate for Oslo?
5. Greece: closer to have a position at the univ Athens too



## Selected candidate

Romania: Alin Ionas

- Very fluent in English
- Has done 2 semesters Erasmus exchange in foreign countries (France and Austria)
- June 2011 – Master in Analytical and Environmental Chemistry
- Hands-on experience with LC and LC-MS
- Language bands + academic bands with another post-doc