



26th March – 6th April 2012 - ONIRIS, Nantes, France
 IPARAF is a two-week **Erasmus Intensive Programme** for European Masters, Doc and Post-Doc students from *Nantes, Belfast, Gent, Bologna, Prague, Plovdiv, Sofia, Warsaw, Istanbul and Coimbra*

This course gives students a unique opportunity to gain a thorough knowledge of regulation and the latest analytical chemistry techniques applied to food analysis drawing on the experience and know-how of leading European actors in the field.

It is made up of theoretical lectures and practical workshops on the following topics:



- relevant EU legislation;
- risk assessment;
- regulatory limits;
- presentation of the compounds to monitor;
- sample preparation and purification;
- screening and confirmatory techniques (including immuno-assay, receptor assay, biosensors, chromatography coupled to mass spectrometry);
- validation and quality assurance in laboratories.



The programme also includes a group-based project, consisting in a case study based on a combination of a family of compounds in a specified food product and in the context of a particular situation.



- In this respect, students have to:
- work together in a group of 4-5;
 - present their preliminary conclusions in terms of risk analysis (assessment, management and communication);
 - integrate current EU regulation regarding the case and devise a strategy for the analysis of the compound (including sampling).



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« It was a good opportunity to practice team work at an international level » - « I learnt a lot of practical information that will be useful for me in the future »
 « It was really interesting to work with people from different countries and areas of science. I learnt a lot about forbidden substances, residues and contaminants in food, current law »