

## **SEMINARIO**

### **ANALISIS AVANZADOS DE ALIMENTOS Y MUESTRAS BIOLÓGICAS**

**Disertaciones** a cargo de integrantes del Departamento de Análisis de Alimentos y Nutrición, Facultad de Tecnología de Alimentos y Bioquímica, Instituto de Tecnología Química de Praga.

(Department of Food Analysis and Nutrition, Faculty of Food and Biochemical Technology, Institute of Chemical Technology – Prague)

#### **“The analysis of organohalogen contaminants in biological samples”**

##### **DARINA LANKOVA**

Talk summary: Characteristics of per- and polyfluoralkylated substances (PFASs), brominated flame retardants (BFRs) and their metabolites, development of analytical methods for their determination. Case study #1: Rapid and simple method for determination of HBCDs and other LC–MS–MS-amenable brominated flame retardants in fish. Case study #2: Occurrence of halogenated contaminants in fish and seafood samples (available at Czech market). Case study #3: Determination of PFASs and BFRs in human breast milk and human serum.

#### **“The possibilities of usage of ambient mass spectrometry in food analysis: DART ion source and its practical applications”**

##### **VOJTECH HRBEK**

Talk summary: ambient mass spectrometry - principle of DART ion source. The main usage of DART ion source (practical applications) a) food authenticity; b) food traceability; c) metabolomics - lipidomics studies.

**VIERNES 25 DE SETIEMBRE**

**9.30 -12.30 horas**

**AULA LELOIR**

**Facultad de Ingeniería Química – UNL**

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