



REPORT ON THE INSTRUMENTS INSTALLATION

The negotiation with the representatives of the local distributors of the leading world companies for the advanced separation instruments and mass spectrometry begun during February 2009. Distributors were contacted and asked to present the program in the area of the high baric/ultra performance liquid chromatography coupled to triple quadrupole and high resolution mass spectrometric detector with application in food safety and emerging pollutants.

Distributors sent proforma invoices for asked system in accordance to the described tasks in front of the CEFSEr Centre, i.e. targeted analysis of pesticides, mycotoxins, polycyclic aromatic hydrocarbons, perfluorinated compounds, veterinary drugs, etc. in food. They were asked to give full specification of the systems in relation to the price, quality, range of applications, backup services, warranty period, softwares, etc.

During the visit to the Institute of Chemical Technology (ICT) and also participation on the Congress 'FOOD RESEARCH IN SUPPORT TO SCIENCE-BASED REGULATION' jointly organized by ICT and European Food Safety Authority (EFSA), the CEFSEr coordinator had an opportunity to meet Dr. Michal Godula, Food Safety Specialist within Thermo Fisher Scientific, and to discuss with him about the CEFSEr vision and goals with respect to the outstanding instruments planned to be purchased for the food safety and emerging pollutants analysis. After these meetings, Dr. M. Godula visited the CEFSEr lab at the Faculty of Technology having a chance to be directly introduced with the CEFSEr activities and the achievements of the team members.

Each of the offers was read in detail and discussed within the CEFSEr team. During this period, the basics and applications of the mass spectrometry were studied and the advantages as well as disadvantages of the offered instruments were theoretically evaluated. The supporting partners were asked to give comments on the offers with respect to the price-to-quality ratio.

Finally, during November, Thermo Fisher Scientific offered two outstanding instruments that were both unique for the whole Balkan region for the price allowed to be spent by the CEFSEr project for the material resources:

- UHPLC Accela - TSQ Vantage MS/MS, and
- UHPLC Accela – Exactive with Orbitrap technology.

Hence, during December, the official procurement procedure was performed. The opening of tender was on December 01, when the conditions of payment and instruments delivery were agreed. The contract was signed by the representatives of ANALYSIS and of the Faculty of Technology on December 28.

The materials and activities necessary to prepare a lab for the new instruments were agreed and the preparatory works started during December.

Two outstanding analytical instruments arrived at the Faculty of Technology from the University of Novi Sad during February and March 2010, followed by the installation and introductory trainings.

After that, the series of the trainings were continued including the local service engineers (Analysis, Belgrade) and the specialist from Thermo Fisher Scientific, Prague, Czech Republic.