



Zorica Jovanovic

Faculty of Agriculture, University of Belgrade

<http://www.agrif.bg.ac.rs>

Bilateral Meetings

- (1:00 p.m - 6:00 p.m.)

Description

The Faculty of Agriculture, University of Belgrade, is the largest of three faculties for the agricultural sciences in Serbia with 275 staff for teaching and research working in eight institutes focusing on crop science, fruit science and viticulture, animal science, land management, plant and food protection, agricultural engineering, food technology and agricultural economics. The Faculty is one of the most experience faculties in Serbia gained through the participation in very big number of EU research and educational projects.

Organization Type

University

Organization Size

250+

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Country

Serbia

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Belgrade, Nemanjina 6 [Google map](#)

Areas of Activities

Applied science and research

Innovative technologies in agriculture

Idea

New methods in agriculture and food sciences

Project AREA (ADVANCING RESEARCH IN AGRICULTURAL AND FOOD SCIENCES AT FACULTY OF AGRICULTURE, UNIVERSITY OF BELGRADE)

The aim of EU FP7-REGPOT project AREA is to reinforce and advance the research capacity of 13 excellent groups at the Faculty of Agriculture, Belgrade lead by scientists with expertise unique in Serbia in crop physiology and anatomy, biodiversity, weed science, horticulture, plant pathology, aquaculture, food biochemistry, food and biotechnology. AREA focus is on a set of coherent activities that will both improve the research capacity of each group by strengthening implementation of existing DNA marker technologies and introducing innovative, Raman micro-spectroscopy, technologies. In collaboration with EU partner organizations the new and improved expertise in DNA-based technologies will be achieved in: characterising of genes for crop stress responses and response to herbicides, molecular taxonomy of plants, analysing of pathogenic populations, DNA-based GMO and food tracing, marker-assisted selection in fish and fruit breeding programmes, genetic diversity of zooplankton and zoobenthos, molecular characterization of lactic acid bacteria. In Raman imaging the focus will be on: chemical analyses and localisation of various chemical compounds in plants and plant products, fish meat, food constituents and for practical application in new food technology methods such as encapsulation. AREA strategic intellectual property development plan for IP management and innovation capacity building at Faculty (lead by 14th AREA team) will ensure that Faculty's researchers can deliver sustainable innovative science and future research interactions at both regional and European levels.

Funding body and call identifier: European Commission, Seventh Framework Programme, SP-4 Capacities, Coordination and Support Action, Support action, FP7-REGPOT-0212-2013 -

Project number and duration: 316004, June 2013-May 2016

Beneficiary: Faculty of Agriculture, University of Belgrade, Belgrade, Serbia

Project coordinator: Prof. Radmila Stikić (rstikic@agrif.bg.ac.rs)

Project's web-site (www.area.agrif.bg.ac.rs)

Keywords: new expertise in agricultural and food sciences