

Project code: PN-III-P3-3.6-H2020-2016-0074

Project no.: 14/2017

Project title: Progressing towards the construction of METROFOOD-RI

Acronym: PRO-METROFOOD

Abstract:

Under the need to strengthen the food and nutrition research system, IBA Bucharest, by participating in the PRO-METROFOOD project, aims to make an active contribution in these areas, both through research activities carried out in European or international projects and, also, through services dedicated to actors in the food chain from agricultural production to the consumer.

IBA coordinates WP2: Strategic Planning and, within it, will lead two activities: Preparation of cost and financial framework (2.4) and Driven forces, strengths, weakness and risk analysis (2.6). In addition to this work package, the IBA team actively contributes to the other work packages of the project, according to the Grant Agreement.

Participation in such a project favors the networking and the development of institutional relations with other research organizations, which will contribute to the possibility of creating new consortia, in which new research projects will be developed and submitted in the calls launched at European level. Up to now, METROFOOD-RI comprises 36 European research organizations and one international organization (FAO), and 17 of these organizations are involved in the PRO-METROFOOD project.

List of publications:

Participation at **3rd IMEKOFODS Metrology Promoting Standardization and Harmonization in Food and Nutrition** Conference (October, 1st – 4th 2017), in Thessaloniki, Greece.

Publications:

Zachia M., Multescu M., Iorga E. „Optimisation of assay conditions for the determination of antioxidant capacity in plant food matrices by using photochemiluminescence”, Book of Proceedings, pp. 367 – 370.

Oral presentations:

Smeu I., Cucu E.M., Dobre A.A. „Validation of ELISA method to support detection and quantification of total aflatoxins for the traditional Romanian sponge cake «cozonac»”.

Mustăţea G.S, Miteluţ A.C., Ştefănoiu G.A., Popa E.E., Drăghici M., Popa M.E., Cramariuc R., Balaurea-Chirilov A.M., Măriuţ C., Mohan G., Culeţu A. „The effects of radiofrequency heating on the aminoacids content of whole wheat bread, graham bread and white bread”.

Poster presentations:

Ionescu V., Manolache F.A., Todasca C. „NMR markers for quantitative analysis of the Romanian Lavandula varieties”.

Negoia M., Mihai A.L., Adascalului A.C., Spadaro G., Iorga E. „Assessment of fatty acid composition of peanut butter fat extracted through different extraction methods”.

Zachia M., Multescu M., Iorga E. „Optimisation of assay conditions for the determination of antioxidant capacity in plant food matrices by using photochemilulinescence”.