







Diversity vs Globalization: A Nutritional Challenge for a Changing Europe

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DITIONAL FOOD **LACK SEA COUN**



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INTRODUCTION:

Traditional dietary patterns, generally beneficial to health as judged over time, should be promoted beyond the native country's borders. Scientific data is a prerequisite for the successful promotion of a sustainable diet, including data on the traditional foods involved in the diet. The Mediterranean diet is a distinguished example of such a dietary pattern. Accumulating scientific evidence has established it globally as a model diet.

A framework for the investigation of traditional foods, aiming primarily at the elucidation of their role on health, was recently expanded to Black Sea Area Countries (BSAC) through the European project BaSeFood (Sustainable exploitation of bioactive components from the Black Sea Area traditional foods). A principal objective of BaSeFood is to deliver information on the nutritional composition, with focus on bioactive substances, and potential related health claims of BSAC traditional foods in order to give opportunities to stakeholders to develop sustainable diets.

*BaSeFood Black Sea area partners

ASE - The Bucharest Academy of Economic Studies, Bucharest, Romania ELKANA - Biological Farming Association, Tbilisi, Georgia

MSUFP - Moscow State University of Food Productions, Moscow, Russian

Federation

ONAFT - Odessa National Academy of Food Technologies, Odessa, Ukraine UFT - University of Food Technologies. Plovdiv, Bulgaria

UZHNU - Uzhhorod National University, Uzhhorod, Ukraine YEDITEPE - T C Yeditepe University; Istanbul, Turkey









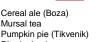




METHOD/DESIGN:

Following EuroFIR documentation / prioritization methodology [1], thirty-three BSAC traditional foods have been selected for in-depth investigation from six food groups (cereals, vegetables, fruits, oilseeds, herbs & spices, fermented foods). An integrated record will be developed for each food for possible purposes of registration or health and nutrition claims.

BULGARIA



Rhodopian bean soup Rose jam Sunflower seed tahini halva

GEORGIA

Churchkhela Flax oil Nettle with walnut Tsiteli doli bread Wild plum sauce

ROMANIA

Elderberry soft drink (Socata) Herbal dish Nettle soup (Ciorba) Plum jam (Magiun) Polenta, boiled (Mamaliga)

RUSSIA

Bread Kvass Buckwheat porridge, crumbly Mustard oil Vegetable okroshka Watermelon juice

TURKEY

Black tea Bulgur pilaf Fruit of the evergreen cherry laurel Green bean dible Kale soup

UKRAINE

Meatless borsch Pomazanka (cottage cheese with dill) Roasted sunflower seeds Sauerkraut Sour rye bread

Transkarpathian green borsch Uzvar

The integrated record will include: (1) Historical and folkloric review, which documents its traditional identity; (2) Nutrient and bioactive composition data; (3) Information on microbiological aspects, wherever applicable; (4) Recording of the traditional production method; (5) Flow-chart for its potential industrial or semi-industrial production; (6) Food indexing using Langual

RESULTS:

The EuroFIR standards for the investigation of traditional foods [2] (including recording, sampling and analytical determinations) have been shared with BSAC partners increasing the number of European countries following a common methodology [3]. Anticipated outcomes of the study on the BSAC traditional foods include:

(1) Historical / folkloric review

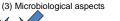


To preserve the traditional culture (2) Nutrient / bioactive data

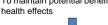


To increase knowledge of

nutrients, food components and / or bioactive compounds effects on human health







To develop sustainable agriculture

(4) Traditional production method

(5) Flow-chart

To promote into new markets

To assist EU food industry to increase its innovation potential and competitiveness, in particular regarding traditional foods and SMEs

(6) Food indexing





partners on Langual food description

CONCLUSIONS:

Several Mediterranean traditional foods are likely to contribute to better health. It remains to be substantiated if the same also applies to BSAC traditional foods. BaSeFood has contributed to an initial registration of BSAC traditional foods and has provided essential tools for their promotion within and beyond the region.

[1] Trichopoulou A, Soukara S and Vasilopoulou E. (2007), Traditional foods: a science and society perspective. Trends in Food Science and Technology, 18, 420-427.

[2] H.S. Costa, E. Vasilopoulou, A. Trichopoulou and P. Finglas on behalf of the EuroFIR Traditional Foods Work Package. (2010), New nutritional data on traditional foods for European food composition databases. European Journal of Clinical Nutrition 64, S73-S81.

[3] D' Antuono F., Sanches-Silva A and Soares Costa H., (2010), BaSeFood: sustainable exploitation of bioactive components from the Black Sea Area traditional foods. Nutrition Bulletin, 35,

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