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The e-food science project: Bio-functional foods

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Bio-functional food is a modern approach towards a healthier diet which needs strong scientific support. Food scientists are key elements for the development of this new series of products and need to be constantly updated on the latest research findings. The e-Food science is an Erasmus+ project which aims to use the potential of Europe's human and social capital originating from higher education institutes and the food industry in order to develop innovative training material based on selected research findings originated from the participating institutions and also to exchange and transfer knowledge and know-how in food science and technology education in Europe. The objectives will be achieved by designing, developing and pilot testing freely accessible online educational material for a common group of modules intended for current and potential food. The present work covers, a part of some theoretical approaches, specific analytical methods and test experiments for the incorporation in the bio-functional quivers of the food scientist and consumer of ingredients originated from *Hippophaes rhamnoides* added in wine-based products.

Biography

Olga Gortzi has graduated BSc in Chemistry on 1994, MSc on 1999 and PhD on 2002. She is an Associate Professor at Department of Food Technology, TEI of Thessaly, Greece. She has experience on physicochemical characterization of liposome preparations and re-evaluation of the bioactivity of encapsulated substances in model systems. She has participated in 21 research and education programs, 45 publications in international scientific journals, 41 work presentations in national and international conferences and more than 550 citations. She was also a supervisor of 8 MSc theses and 6 PhD theses and a Reviewer in 15 international scientific journals.

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