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# RIA4FOOD

**Multi-Actor Research and Innovation  
Approaches for Food Functionality**



## Science and Superfoods



### WORK PACKAGES

1. Metabolomic profile of fresh and osmotic sea buckthorn (SB)
2. Evaluation of fresh and osmotic SB effect on in vitro human-relevant disease models
3. Association of SB metabolic, epiproteomic, and proteomic signatures on human physiology
4. Formulation of new functional food products with tailored health benefits
5. Sustainability assessment
6. Dissemination, communication, and impact strategy
7. Project management



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[www.ria4food.eu](http://www.ria4food.eu)





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# PROJECT OBJECTIVES



1. **Assessment of the metabolic fingerprint of fresh SB**



2. **Charting the molecular pathways through which SB sustains human health**



3. **Establishing food technologies able to maintain the SB bioactive ingredients**



4. **Developing a credible way of designing functional foods with tailored health benefits**



## RIA4FOOD PARTNERS



"ALEXANDER FLEMING"  
Biomedical Sciences Research Center

Our collaborative initiative brings together a diverse group of nations, working in synergy and leveraging each country's unique strengths for a collective impact.



Greece



Cyprus



Italy



Romania



Serbia

99 Secondments  
5 European countries  
9 Partners  
48 Months  
7 Work Packages

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