KEY SCIENTIFIC ASPECTS

- Molecular identification of dietary polyphenols
 - Extraction techniques of polyphenols
 - Identification of polyphenols with mass spectroscopy
 - Polyphenols metabolites and catabolites
 - Nutritional metabolomics
- Biological activity evaluation of dietary polyphenols
 - in vitro (cell cultures) and in vivo (animal models and clinical studies)
 - Bioavailability and metabolism
 - Polyphenol metabolites and catabolites
 - Phytochemicals and their metabolites on human gene expression and microbiota
- Cardiovascular protective effects of dietary polyphenols
 - Clinical trial design
 - Bioefficacy of polyphenols
 - True exposure of individuals to polyphenols
 - Cell mechanistic studies to human trials
 - "omics" (metabolomics, transcriptomics, proteomics) technologies

▶ PROJECT PARTNERS



- TUBITAK Türkiye Bilimsel Ve Teknolojik Araştırma Kurumu, TR
- CSIC Agencia Estatal Consejo Superior de Investigaciones Científicas, ES
- QIB Quadram Institute Bioscience, UK
- INRAE Institut National De Recherche Pour L'agriculture, L'alimentation Et L'environnement, FR





















Enhancing Research and Innovation Capacity of TUBITAK MRC Food Institute on Dietary Polyphenols and Bioavailability/Bioefficacy

(Grant Agreement no: 951994)





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MANAGEMENT STRUCTURE

European Commission PhenolAcTwin Advisory Project Management Team Board Project Coordinator: Dr. Ebru Pelvan Pelitli, TUBITAK, Turkey IPR Management Team Risk Management Team WP1. Exchange of Knowledge
WP Leader: Dr. Christine Morand, INRAE, France WP2. Enhancing Research and Innovation Capacity of Young Scientist
WP Leader: Dr. Antonio González Sarrías, CSIC, Spain WP3. Stepping up Scientific Strategy
WP Leader: Paul Kroon, QIB, United Kingdom WP4. Strengthening the Research Management and Administration Skills WP Leader: Dr. Ebru Pelvan Pelitli, TUBITAK, Turkey WP5. Dissemination and Communication WP Leader: Dr. Cesarettin Alaşalvar, TUBITAK, Turkey WP6. Project Management
WP Leader: Dr. Ebru Pelvan Pelitli, TUBITAK, Turkey

OBJECTIVES

- To support research profile of human resources, especially the young researchers
- To enhance the research and innovation capacity of TUBITAK
- To improve networking of TUBITAK with leading partners/other related stakeholders
- To improve capability of TUBITAK for future collaborations
- To spread the impact of the Twinning Project
- To improve proposal preparation and project management/ administration skills of TUBITAK

▶ PROJECT ACTIVITIES



Technical visits



Summer schools



Workshops



Open days



Info days



Seminars



Success story meetings



Conference attendance



Organizing 15th International Conference and Exhibition on Nutraceuticals and Functional Foods