



PARTNER SEARCH FORM

TNF Partner: _____ Ref.: _____ Date: _____

Refers to Call: _____

INFORMATION OF ORGANIZATION	
Name of organization	Pistachio Research Institute
Main researchers and expertise (name, surname, academic degree)	Selim Arpaci- Orchard Management Dr. Zeynep Acar-Plant Physiologist Dr.H.Seyfettin Atlı-Plant Breeder Serpil Karadag-Entomologist Kamil Sarpkaya-Phytopathologist Abdulkadir Akgun Lutfiye Bilgel
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input checked="" type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input type="checkbox"/> >250
Short description of organization (main research activities)	<p>Pistachio species are the main research interest of the Institute. However, other important agricultural species of the South Eastern Anatolian Region, such as winery, almond, walnut and olive are also under the research program supported by national research projects. The up-going pistachio projects in the Institute are as follows,</p> <ul style="list-style-type: none"> - Rootstock breeding - Cultivar breeding - Growth under irrigated conditions - Sapling production - Biotechnological applications - Diseases and pests - Organic farming - Genetic resources <p>Apart from the pistachio research, seven adaptation projects on winery, walnut, almond, pomegranate, plum, fig and Trabzon-date cultivars, one organic growing project in grape, and one genetic resources project in almond are carried out in our institute.</p>
PROJECT DETAILS	
Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input type="checkbox"/> CA <input checked="" type="checkbox"/> Other:SSA
Call info (which call does the PS refer to?)	FOOD-4-C
Topic	Pistachio
Title	Improving Pistachio Nuts Quality And Safety
Description (incl. budget outline)	<p>Pistachio is a hard shelled fruit grown in Mediterranean countries such as Turkey, Italy, Greece and Spain. Turkey ranks first among European Union (EU) countries with 53.000 tons/year of production. Recently pistachio production in Greece, Italy and Spain increased, and approximate total consumption of EU is 90.000 tones/year that is imported from Iran, USA and Turkey. Aflatoxin is one of the most important problems in Pistachio as it is the case for all the hard shelled fruits that are dried before consumption. Pistachio fruits imported from Iran is reported to have Aflatoxin. Four important reasons are connected</p>

	<p>with Aflatoxin;</p> <ul style="list-style-type: none"> - problems variety characteristics (early cracking in orchards, spherical shaped pistachio varieties) - growth conditions (cultivation in irrigated conditions) - processing (non hygenic processing conditions and storing) - packing and marketing net (unsuitable packing and transport) <p>Considering ecological, climatic and field conditions of Turkey, the risk for aflatoxin contamination is low, and has reasonable better conditions for hygienic and healthy production of pistachio for EU countries. In addition to this, collaboration and source management with pistachio producing south European countries such as Spain, Italy and Greece, Turkey may be one of the leading pistachio producers in world market. Technological Corporation for pistachio processing among EU countries will enlarge fruit and kernel quality of pistachio nuts.</p> <p>This project is proposed to solve problems described above and to do this workshops, conferences and network among producers, researchers and industrialist within the EU countries will be organized to exchange and share available knowledge about variety differences, cultivation, processing, packing and marketing in Pistachio.</p> <p>In this project we propose the following objectives;</p> <ul style="list-style-type: none"> - Organization of workshops among pistachio producing EU countries - Knowledge and material exchange for using available technology in production and processing - Technical and strategical collaboration with EU countries that have pistachio nuts processing industry - Increasing competition of EU countries within world pistachio market - To prove consumption of healthy and hygienic pistachio within EU countries - Distribution of generated varieties and rootstocks among collaborating EU countries for increasing quality and yield. <p>Budget: 240.020</p>
Partners involved	<p>Canan Can, Mehmet Özasan and Elman _skender University of Gaziantep, Science and Letter Faculty, Biology Department-Turkey</p> <p>Bekir Erol Ak Harran University, Department of Horticulture, Faculty of Agriculture, _anlurfa-Turkey</p> <p>Salih Kafkas, Yıldız Do_an and Yu_a Türkeli University of Cukurova, Department of Horticulture, Faculty of Agriculture, Adana-Turkey</p> <p>Ahmet Onay Dicle University, Science and Letter Faculty, Biology Department, Diyarbakır, Turkey</p>
Target partner(s) (type, expertise required and role in the project)	<ul style="list-style-type: none"> - Researchers and leading farmers specialized in Pistachio cultivation, breeding, germplasm, integrated crop and pest management, organic farming, processing are required - Pistachio Research Centers - SMEs in Pistachio Processing and Marketing

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