

Biotechnologie

# Ricerca partner FAFB-PT-LCP-6

01 dicembre 2017

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Richiesta di un Centro di ricerca sulle Biotechnologie Israeliano alla ricerca di partner italiani da includere in un loro progetto nella tematica FAFB.

Contattare [prete@apre.it](mailto:prete@apre.it) facendo riferimento al codice RICERCA PARTNER FAFB-PT-LCP-6

----- PARTNER SEARCH FAFB-PT-LCP-6 -----

<Reference n.: FAFB-PT-LCP-6>

<Deadline: 31/08/2007>

<Programme: FAFB>

<Project Title: Production of useful bioproducts, such as antibiotics, neutraceuticals and fertilizers, from agricultural based industry, i.e., grape winery and from olive oil mills using microorganisms. >

<Financial Scheme: Large collaborative project>

<Description: KBBE-2007-3-3-04: USEFUL WASTE - Novel biotechnology approaches for utilizing wastes, including aquaculture wastes, to make high added value products

Project description

Our aim is to use agricultural-based waste from grape wineries and from olive oil mills and turn it into bioproducts using novel microorganisms and chemical technologies. The economic burden of the waste associated with the wine and oil industries in Europe in general, and in particular in the Mediterranean countries is enormous and these industries exploit only part of the health, nutritional and agricultural potential of this waste. We plan to fully exploit the waste As it is, and to extract from it antioxidants and flavanoids; and to introduce microorganisms of choice in order to convert the waste into valuable product such as novel antibiotic and enzyme biosynthesis; mushrooms production; fertilizers and humus for agricultural purposes; to turn it into feed for animals.

#### Keywords

Antibiotics, bioproducts, fungi, mushroom, microorganisms, MO, biodegradation, fermentation, useful waste, recycling, agricultural waste, olive oil mill, winery, animal feed, enzymes. >

<Organisation Type: Centro di Ricerca>

<Partner Sought: Expertise required:

- o Metabolomics and analytical chemistry experts to identify and characterize chemicals
- o Microbiology taxonomists and microbiologists
- o Olive oil mills, wineries, fruit juice factories to provide agricultural waste
- o SMEs that transfer know-how to commercial technologies
- o Experts in screening for bioproducts to be produced: antioxidants, antibiotics, enzymes, fertilizers, etc.

Role:

- technology development
- research
- training
- dissemination
- demonstration