

Technology Request

Title:

PS - FP7 OTAcatch, Rapid Biosensor for the Detection of Ochratoxin A in wine (Ref: 09 HU 50R8 3F7I)

(Open)

Abstract:

A Hungarian research centre intended to submit a proposal to the FP7 "Research for SME Associations" call (FP7-SME-2010) is inviting SME Associations of wine producers along with a member company to contribute in developing an automated sampling technique for the detection of Ochratoxin A in wine. Participation of manufacturers and/or distributors of wine making equipments are also very welcome.

Description:

Ochratoxin A (OTA) is a naturally occurring mycotoxin, which possesses carcinogenic, nephrotoxic, immunotoxic and possibly neurotoxic properties, and as such it is one of the most significant food contaminants. Human intake of OTA thorough contaminated foodstuffs, especially wines (red, white and rosé) and other wine and/or grape must based beverages raises many health concerns that received much recognition by the European Commission's Scientific Committee on Food.

The OTAcatch system to be developed by the planned EU project aims to provide a novel alternative to the current analytical OTA detection methods thus enabling the wine industry to better comply with relevant European OTA limit regulations and supply safer product to the customers.

Technical Specifications / Specific technical requirements of the request

The OTAcatch technology will provide for an automated sampling/monitoring technique by adopting biosensor technology. The electrochemical detection method will result in a reliable, low-cost on-site operating device to measure OTA in grape derived products.

Call title: Research for SME Associations
Call identifier: FP7-SME-2010
Call for proposals is expected in January 2010
Deadline: About May 2010

Current and Potential Domain of Application

Manufacturer of wine making equipments and wine producers.

Other Profile Details

Organisation: Innostart National Business And Innovation Centre
Network Partner: HCE
Country: Hungary
Entry Date: Fri, October 16, 2009
Validation Date: Fri, October 16, 2009
Deadline: Wed, June 30, 2010

List of Keywords

Technology

- ✦ Detection and Analysis methods
- ✦ Safe production methods
- ✦ Sensor Technology related to measurements

Market

Collaboration Type

- ✦ Joint further development

Comments

-Type and Specific area of activity of the partner:

1) Type of partner sought: SME Association

Specific area of activity of the partner: wine producer

Task to be performed: providing guidance, consultation, assist dissemination and exploitation, members training

2) Type of partner sought: Member SME of the participating SME Association

Specific area of activity of the partner: wine producer

Specific area of activity of the partner: wine distributor

Task to be performed: consultation to facilitate the commercial exploitation of the project result

3) Type of partner sought: SME

Specific area of activity of the partner: machinery manufacturer/distributor for the wine industry

Task to be performed: technical consultation, assistance to system assembly,

4) Type of partner sought: SME or Large company

Specific area of activity of the partner: wine distributor

Task to be performed: consultation to facilitate the commercial exploitation of the project result

Targeted Countries

- France
- Greece
- Italy
- Portugal
- Spain

Contact Details

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