

PARTNER SEARCH HEALTH-EU-SMCP-16

01 dicembre 2017

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Richiesta di una PMI inglese alla ricerca di partner da includere in un loro progetto da presentare nel programma COOPERATION tematica SALUTE.

Per maggiori informazioni sulla Ricerca Partner e per conoscere i contatti del proponente, potete consultare il seguente indirizzo web: <http://www.apre.it/formaAssist/scheda.asp?id=1079>

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<Reference n.: HEALTH-EU-SMCP-16>

<Deadline: 28/11/2008>

<Programme: COOPERATION- HEALTH>

Project Title: Development of tools for sensitive and specific detection of proteins and their interactions for diagnostic, prognostic and monitoring purposes>

<Financial Scheme: Progetti in collaborazione - Small or Medium>

<Description: HEALTH- 2009-1.2-1: Development of tools for sensitive and specific in vitro detection of proteins and their interactions for diagnostic, prognostics and monitoring purposes. FP7-HEALTH-2009-single-stage

A UK Company (SME) has developed and validated an unique patented technology for accelerating the rate of novel protein discovery at the cell surface. This has been specifically designed for use within advanced proteomics and genomics workflows which yield highly specific and accurate data on proteins discovered. Fluorescent antibody binding techniques have been used with novel biomarker candidates to validate the efficacy of the platform including its cell surface specificity.

The company is now setting up collaborations with 5 leading European cancer research institutes to exploit the platform;s potential for biomarker discovery at the surface of cancer cells. A partner is now being sought to provide a key input to enhance the diagnostics potential of the discovery platform by providing advanced cellular imaging resources.

The technology has been used to date to separate mammalian cells for a specific utility. Background details will be disclosed to potential partner companies.

The platform contains a unique pre-enrichment step before gel electrophoresis and mass spectrometry which is used to isolate small subsets of cells from within any population according to specific differences in surface protein composition.

A small pilot study has been performed in a colorectal cancer cell line which immediately produced a number of candidates for evaluation for biomarker development.

The Professor of Medical Oncology at the University ---- has described the potential for the technology for biomarker discover at the surface of cancer cells as follows :

A novel technology to sort rare cell populations in order to identify markers that are not found by conventional approaches such as normal proteomics, RNA profiling, monoclonal Ab's, genomic profiles, because of the high signal from common populations which obscures the rare ones.

<Organisation Type: PMI >

<Partner Sought: Role: technology development, research

Country /region: Any

Start of partnership: end-phase

Expertise required:

A partner is now being sought to provide a key input to enhance the diagnostics potential of the discovery platform by providing advanced cellular imaging resources.