Partnering Opportunity

Research & Development Request

H2020 SC-DTH-01-2019: Medical research centres and cancer associations sought for monitoring health status and quality of life of patients after the cancer treatment

Summary

A Spanish medical research centre will submit a proposal to SC-DTH-01-2019: Big Data and Artificial Intelligence for monitoring health status and quality of life after the cancer treatment. The project aims to optimize the use of big data to effectively monitor health status of these patients. They look for other medical research centres/hospitals to act as data providers and validation of the tools developed and cancer societies to provide their knowledge and in dissemination activities.

Creation Date	26 March 2019
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Details

Description

A consortium led by a Spanish medical research centre is looking for partners to join a project proposal for SC-DTH-01-2019: Big Data and Artificial Intelligence for monitoring health status and quality of life after the cancer treatment. The project aims to combine information from a variety of sources in order to model patient behavior and develop an open architecture and new tools to provide improved ways to monitor health status and quality of life of patients after the cancer treatment.

BACKGROUND
Currently available methods and strategies for diagnosis and treatment of cancer help clinicians continuously improve quality of care and prevent cancer deaths in the population. However, due

to rather aggressive treatment, psychological stress can often cause physical and psychological problems that may cause long-term after-cure consequences such as similar or other types of cancer, other types of diseases and affect the quality of life of a patient. Therefore, the importance of addressing and, if possible, preventing long-term effects of cancer treatment is growing.

THE PROJECT
The project aims to define the best strategies to gather, manage, share, model, process and exploit big data to effectively monitor health status of patients, providing overall actionable insights at the point of care and improve quality of life after the cancer treatment.

The proposal will result in:
- Models and patterns to determine the health status and quality of life of patients.
- Several tools for doctors and patients that will help doctors make better decisions and ultimately improve their patient´s life quality.

THE PARTNERS
The consortium is looking for medical research centres, hospitals or universities to act as data providers. They must be able to provide cancer patient´s data (e.g.: clinical data, analytical data, data from QoL (Quality of Life) tools such as questionnaires, etc.).

Ideally, they will also contribute to carry out the validation with patients of the tools to be developed during the project and to disseminate the project results. Cancer associations are also sought to collaborate in dissemination, definition of specifications of the tools to be developed and support in the validation of these tools, contribute to the assessment of psychological and social aspects of quality of life of cancer patients and, when possible, to provide patient´s data (mainly psychological information).

Deadlines:
Official deadline of the call: 24/04/2019
Deadline for expressions of interest: 07/04/2019
Anticipated duration of the project: 36 months

Stage of Development

Proposal under development

Keywords

Technology

01003003	Artificial Intelligence (AI)
01003006	Computer Software
01003010	Databases, Database Management, Data Mining
01004001	Applications for Health
06005003	Health information management

Market

02007012	Medical/health software

02007016	Artificial intelligence related software
05005014	Oncology
05007004	Monitoring equipment

NACE

| Q.86.2.2 | Specialist medical practice activities |

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

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Open for EOI :   Yes

Dissemination

Relevant Sector Groups

Healthcare

Client

Type and Size of Organisation Behind the Profile

R&D Institution

Year Established

0

Ref: RDES20190326001

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
Spanish

Client Country

Spain

Partner Sought

Type and Role of Partner Sought

The consortium is looking for:

- Medical research centers, hospitals or universities with the following expected tasks:
** Provision cancer patient´s data (e.g.: clinical data, analytical data, data from QoL (Quality of Life) tools such as questionnaires, etc).
** Contribution to carry out the validation with patients of the tools to be developed during the project.
** Dissemination of the project results.

- Cancer associations with the following expected tasks:
** Collaboration in the definition of specifications of the tools to be developed and support in the validation of these tools.
** Contribution to the assessment of psychological and social aspects of quality of life of cancer patients.
** When possible, provision of patient´s data (mainly psychological information).

Type of Partnership Considered

Research cooperation agreement

Program - Call

Framework Program

Health, demographic change and wellbeing

Call title and identifier

SC-DTH-01-2019: Big Data and Artificial Intelligence for monitoring health status and quality of life after the cancer treatment

Submission and evaluation scheme

Research and Innovation Action (RIA)
Single Stage call

Coordinator Required

No

Deadline for EOI

07 Apr 2019

Deadline of the Call

24 Apr 2019

Project Duration

156 week(s)

Weblink to the Call

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/sc1-dth-01-2019