EARLY DYNAMIC SCREENING FOR COLORECTAL CANCER VIA NOVEL PROTEIN BIOMARKERS REFLECTING BIOLOGICAL INITIATION MECHANISMS

Fact Sheet

Project Information

**DIOPTRA**

Grant agreement ID: 101096649

**DOI**

10.3030/101096649

**Funded under**

Health

**Total cost**

€ 13 647 600,80

**EU contribution**

€ 13 646 550,50

**Start date**

1 January 2023

**End date**

31 December 2026

**Coordinated by**

EREVNIKO PANEPISTIMIAKO INSTITOUTO SYSTIMATON EPIKOINONION KAI YPOLOGISTON

Greece

Project description

Innovative risk assessment and screening method for colorectal cancer

The EU-funded DIOPTRA project aims to introduce a front-line screening tool that will consider risk factors and protein biomarkers for pinpointing individuals at a high risk for developing colorectal cancer (CRC). Tissue and blood samples will be examined for a discriminative set of prognostic proteins that are detectable via
standard blood work and can indicate a need for further evaluation (i.e. colonoscopy). Other data (e.g. medical, behavioural) will also be considered as potential risk factors. AI will be leveraged for assessing prognostic power, while personalised behavioural changes will be promoted based on modifiable risk factors. Given the low citizen participation in CRC screening across the EU, DIOPTRA seeks to broaden the evaluated population, boosting participation rates and bypassing age screening thresholds.

Keywords

Colorectal Cancer

Programme(s)

HORIZON.2.1 - Health (MAIN PROGRAMME)

Topic(s)

HORIZON-MISS-2021-CANCER-02-01 - Develop new methods and technologies for cancer screening and early detection

Call for proposal

HORIZON-MISS-2021-CANCER-02

See other projects for this call

Funding Scheme

HORIZON-RIA -

Coordinator

EREVNITIKO PANEPISTIMIAKO INSTITOUTO SYSTIMATON EPIKOUHNON KAI YPOLOGISTON
Participants (24)

TECREANDO B.V.
Netherlands
Net EU contribution
€ 311 111,75
Address
Keizersgracht 241
1016 EA Amsterdam
SME
Yes
Region
West-Nederland > Noord-Holland > Groot-Amsterdam
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
PANEPISTIMIO IOANNINON

Greece

Net EU contribution
€ 500 875,00

Address
Panepistemioypole panepistemio ioanninon
45110 Ioannina

Region
Βόρεια Ελλάδα > Ήπειρος > Ιωάννινα

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

SMARTSOL SIA

Latvia

Net EU contribution
€ 210 625,00

Address
Dzerbenes iela 14
1006 Riga

SME
Yes

Region
Latvija > Latvija > Rīga

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

I2GROW INNOVATION TO GROW SRL
Italy
Net EU contribution
€ 203,125,00

Address
Via Andrea Appiani 12
20121 Milano

SME
Yes

Region
Nord-Ovest > Lombardia > Milano

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 37,80

NETCOMPANY-INTRASOFT SA
Luxembourg
Net EU contribution
€ 325,000,00

Address
Rue nicolas bove 2b
1253 Luxembourg

Region
Luxembourg > Luxembourg > Luxembourg

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

PROTAVIO MONOPROSOPI E.P.E
Greece

Net EU contribution
€ 4 648 750,00

Address
Odos navarchou votsi 3
166 75 Glyfada

SME Yes

Region
Αττική > Αττική > Νότιος Τομέας Αθηνών

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

CSCY COMPUTER SOLUTIONS CYPRUS LTD
Cyprus

Net EU contribution
€ 215 000,00

Address
Diagorou 4
1097 Nicosia

Region
Κύπρος > Κύπρος > Κύπρος

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

BLOKS ZDRAVNI I SOTSIALNI GRIZHI EOOD

Bulgaria

Net EU contribution
€ 281 250,00

Address
Bul aleksandar malinov 85 ofis 15
1715 Sofia

Region
Югозападна и Южна централна България > Югозападен > София (столица)

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00
ARTHUR’S LEGAL BV

Netherlands
Net EU contribution
€ 301 250,00
Address
Emmalaan 21
1075 AT Amsterdam
SME
Yes
Region
West-Nederland > Noord-Holland > Groot-Amsterdam
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 0,00

CSI CENTER FOR SOCIAL INNOVATION LTD

Cyprus
Net EU contribution
€ 238 125,00
Address
62 rigainis street, 1st floor
1010 Nicosia
SME
Yes
Region
Κύπρος > Κύπρος > Κύπρος
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
CENTRE HOSPITALIER UNIVERSITAIRE DE LIEGE
Belgium
Net EU contribution
€ 508 750,00
Address
Avenue de l'hôpital 1
4000 Liège
Region
Région wallonne > Prov. Liège > Arr. Liège
Activity type
Research Organisations
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 0,00

UAB TERAGLOBUS
Lithuania
Net EU contribution
€ 306 875,00
Address
Sav lindiniskiu k bajoru g 14/1
Vilniaus
SME
Yes
Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 0,00

VILABS (CY) LTD
Cyprus
Net EU contribution
€ 331 250,00

Address
Victory house 205 archbishop makarios
3030 Limassol

SME
Yes

Region
Κύπρος

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 0,00

REGION MIDTJYLLAND
Denmark
Net EU contribution
11 of 19
KOMITEEN FOR SUNDHEDSOPLYSNING

Denmark

Net EU contribution
€ 389 250,00

Address
Classensgade 71 5
2100 Kobenhavn

Region
Danmark > Hovedstaden > Byen København

Activity type
Research Organisations

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

FEDERATION EUROPEENNE DES HOPITAUX ET DES SOINS DE SANTE

Belgium

Net EU contribution
€ 359 063,75

Address
Avenue Marnix 30/17
1000 Bruxelles / brussel

Region
Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

Activity type
Other

Links
Contact the organisation
Website
Participation in EU R&I programmes
D.TSAKALIDIS-G.DOMALIS OE

Greece

Net EU contribution
€ 220 000,00

Address
Parodos theofrastou 140, 1
26443 Patra

SME
Yes

Region
Κεντρική Ελλάδα > Δυτική Ελλάδα > Αχαΐα

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

AINIGMA TECHNOLOGIES

Belgium

Net EU contribution
€ 272 500,00

Address
Kapeldreef 60
3001 Leuven

SME
Yes
FUNDACION BURGOS POR LA INVESTIGACION DE LA SALUD
Spain
Net EU contribution
€ 452 500,00
Address
Calle islas baleares 3
09006 Burgos
Region
Centro (ES) > Castilla y León > Burgos
Activity type
Research Organisations
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 0,00

ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON
Greece
Net EU contribution
€ 474 000,00
Address
LINAC-PET SCAN OPCO LIMITED

Cyprus

Net EU contribution

€ 418 750,00

Address

Georgiou karaiskaki 13
50132 Limassol

SME

Yes

Region

Κύπρος > Κύπρος > Κύπρος

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 12,50
GENIKO ANTIKARKINIKO O KGKOLOGIKO NOSOKOMEIO ATHINON O AGIOS SAVVAS

Greece

Net EU contribution

€ 491 875,00

Address

Leoforos alexandras 171
11522 Athina

Region

Αττική > Αττική > Κεντρικός Τομέας Αθηνών

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 0,00

MEDIZINISCHE UNIVERSITAT GRAZ

Austria

Net EU contribution

€ 312 875,00

Address

Neue stiftingtalstrasse 6
8010 Graz

Region

Südösterreich > Steiermark > Graz

Activity type

Higher or Secondary Education Establishments

Links

Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network
Partners (3)

MARTEL GMBH

Switzerland

Net EU contribution
€ 0,00

Address
Uberlandstrasse 111
8600 Dubendorf

SME
Yes

Region
Schweiz/Suisse/Svizzera > Zürich > Zürich

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

SPHYNX TECHNOLOGY SOLUTIONS AG

Switzerland

Net EU contribution
€ 0,00

Address
17 ringstrasse
6300 Zug

Other funding
€ 0,00
Schweiz/Suisse/Svizzera > Zentralschweiz > Zug

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

CAMBRIDGE MEDICAL ACADEMY LTD
United Kingdom
Net EU contribution
€ 0,00

Address
Bay 13 clifford albutt building hills road
CB2 0AH Cambridge

SME
Yes

Region
East of England > East Anglia > Cambridgeshire CC

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

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