Approximately 0.5% of the global population suffers from psoriatic arthritis (PsA), a chronic and progressive inflammatory condition. About one third of psoriasis patients will develop PsA. The mechanisms behind the transformation to PsA are unknown, making an early diagnosis and initiation of appropriate treatment challenging. PsA is still a chronic condition with treatment aimed at achieving disease remission. Most
patients will however experience disease exacerbations. The EU-funded iPROLEPSIS project aims to improve early detection of PsA symptoms and reduce diagnostic delay. It will use advanced AI technology applied to multi-sourced big data to dynamically capture and analyse patients’ own data, ensuring more patient-centred care and directly contributing to quality of life improvement in PsA.

Fields of science

natural sciences > computer and information sciences > data science  
medical and health sciences > clinical medicine > rheumatology  
medical and health sciences > health sciences > inflammatory diseases  
natural sciences > biological sciences > ecology > ecosystems

Keywords

Psoriatic Arthritis  AI

Programme(s)

HORIZON.2.1 - Health MAIN PROGRAMME  
HORIZON.2.1.1 - Health throughout the Life Course

Topic(s)

HORIZON-HLTH-2022-STAYHLTH-02-01 - Personalised blueprint of chronic inflammation in health-to-disease transition

Call for proposal

HORIZON-HLTH-2022-STAYHLTH-02

See other projects for this call

Funding Scheme

RIA - Research and Innovation action
Coordinator

ARISTOTELIO PANEPISTIMIO THESSALONIKIS

Net EU contribution
€ 1 050 000,00

Address
Kedea building, tritis septemvriou, aristotle university campus
546 36 Thessaloniki
Greece

Region
Βόρεια Ελλάδα > Κεντρική Μακεδονία > Θεσσαλονίκη

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

Participants (13)

NETCOMPANY-INTRASOFIT SA

Luxembourg

Net EU contribution
€ 378 750,00

Address
Rue nicolas bove 2b
1253 Luxembourg

Region
Luxembourg > Luxembourg > Luxembourg

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

Links
AINIGMA TECHNOLOGIES
Belgium
Net EU contribution
€ 363 750,00
Address
Kapeldreef 60
3001 Leuven
SME
Yes
Region
Vlaams Gewest > Prov. Vlaams-Brabant > Arr. Leuven
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

SMARTSOL SIA
Latvia
Net EU contribution
€ 289 375,00
Address
Dzerbenes iela 14
1006 Riga
SME

4 of 11
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

DIADIKASIA BUSINESS CONSULTING SYMVOULOI EPICHEIRESEON AE

Greece

Net EU contribution
€ 291 250,00

Address
Kifissias ave 296 & navarinou 40 halandri
15232 Athina

SME
Yes

Region
Αττική > Αττική > Βόρειος 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

FACULDADE DE MOTRICIDADE HUMANA
Portugal

Net EU contribution
€ 367 125,00

Address
Estrada da costa
1495-688 Cruz quebrada lisboa

Region
Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa

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

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ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS

Greece

Net EU contribution
€ 378 750,00

Address
Charilaou thermi road 6 km
57001 Thermi thessaloniki

Region
Βόρεια Ελλάδα > Κεντρική Μακεδονία > Θεσσαλονίκη

Activity type
Research Organisations

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

Other funding
€ 0,00
ERASMUS UNIVERSITAIR MEDISCH CENTRUM ROTTERDAM

Netherlands
Net EU contribution
€ 1 038 750,00

Address
Dr molewaterplein 40
3015 GD Rotterdam

Region
West-Nederland > Zuid-Holland > Groot-Rijnmond

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

STICHTING CICERO (COLLECTIEF INITIATIEF VOOR CREATIEF EN EDUCATIEF REUMA ONDERZOEK)

Netherlands
Net EU contribution
€ 501 875,00

Address
Schultz van hagenstraat 77
3062 XJ Rotterdam

Region
West-Nederland > Zuid-Holland > Groot-Rijnmond

Activity type
Research Organisations

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network
THE HEBREW UNIVERSITY OF JERUSALEM

Israel
Net EU contribution
€ 380 875,00
Address
Edmond j safra campus givat ram
91904 Jerusalem
Activity type
Higher or Secondary Education Establishments
Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

PLUX - WIRELESS BIOSIGNALS S.A.

Portugal
Net EU contribution
€ 290 000,00
Address
Avenida 5 outubro 70 piso 2
1050-059 Lisboa
SME
Yes
Region
Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Links
WELLICS EFARMOGES EREVNAS KAI PLIROFORIKIS MONOPROSOPI I.K.E.

Greece

Net EU contribution
€ 403 750,00

Address
Esperidon 18
136 74 Acharnes

SME
Yes

Region
Αττική > Ανατολική Αττική

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

Other funding
€ 0,00

TECHNISCHE UNIVERSITAET MUENCHEN

Germany

Net EU contribution
€ 350 000,00

Address
Arcisstrasse 21
80333 Muenchen

Region
Bayern > Oberbayern > München, Kreisfreie Stadt

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

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SPR - SOCIEDADE PORTUGUESA DE REUMATOLOGIA
Portugal

Net EU contribution
€ 401 250,00

Address
Av de berlim 33 b
1800-033 Lisboa

Region
Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa

Activity type
Research Organisations

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

Other funding
€ 0,00

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Partners (1)

THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD
United Kingdom
Net EU contribution
€ 0,00

Address
Wellington square university offices
OX1 2JD Oxford

Region
South East (England) > Berkshire, Buckinghamshire and Oxfordshire > Oxfordshire

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

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European Union, 2023