A New Intervention for Implementation of Pharmacogenetics in Psychiatry

Fact Sheet

Project Information

PSY-PGx

Grant agreement ID: 945151

DOI

10.3030/945151

Funded under

SOCIETAL CHALLENGES - Health, demographic change and well-being

Total cost

€ 7 999 611,75

EU contribution

€ 7 999 611,75

Start date

1 March 2021

End date

28 February 2026

Coordinated by

UNIVERSITEIT MAASTRICHT

Netherlands

Project description

Tracing the capabilities of pharmacogenetics in psychiatric treatment

Despite the continuous development of treatments for patients with mental illness, crucial factors such as genetic heterogeneity, low compliance and commonly encountered side effects limit treatment efficacy. In contrast with the widespread practice of selecting medication through trial and error, pharmacogenetic testing enables the evaluation of person-specific factors that make the clinical response and side effects foreseeable. The EU-funded PSY-PGx project is introducing a large-scale non-industry sponsored clinical study in 6 European (related) countries and the US that demonstrates the clinical benefits and the potential of implementing pharmacogenetics for psychiatric patients in existing medical settings.
Fields of science

medical and health sciences > clinical medicine > psychiatry
medical and health sciences > basic medicine > pharmacology and pharmacy > pharmaceutical drugs
natural sciences > biological sciences > biochemistry > biomolecules > proteins > enzymes

Keywords

psychiatry  pharmacogenetics  individualised pharmacotherapy  psychofarmaca

Programme(s)

H2020-EU.3.1. - SOCIETAL CHALLENGES - Health, demographic change and well-being
MAIN PROGRAMME
H2020-EU.3.1.3. - Treating and managing disease

Topic(s)

SC1-BHC-08-2020 - New interventions for Non-Communicable Diseases

Call for proposal

H2020-SC1-BHC-2018-2020

See other projects for this call

Sub call

H2020-SC1-2020-Two-Stage-RTD

Funding Scheme

RIA - Research and Innovation action

Coordinator
UNIVERSITEIT MAASTRICHT

Net EU contribution

€ 1 271 136,75

Address
Minderbroedersberg 4
6200 MD Maastricht
Netherlands

Region
Zuid-Nederland > Limburg (NL) > Zuid-Limburg

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 (17)

RIJKSUNIVERSITEIT GRONINGEN

Netherlands

Net EU contribution

€ 382 262,50

Address
Broerstraat 5
9712CP Groningen

Region
Noord-Nederland > Groningen > Overig Groningen

Activity type
Higher or Secondary Education Establishments

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

Germany

Net EU contribution

€ 193 641,25

Address

Balanstr. 6
81669 Munchen

SME

Yes

Region

Bayern > Oberbayern > München, Kreisfreie Stadt

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

FARMACEUTSKI FAKULTET UNIVERZITETA U BEOGRADU

Serbia

Net EU contribution

€ 407 481,25

Address

Vojvode stepe 450
11010 Belgrade

Region

Србија - север > Београдски регион > Београдска област

Activity type
Higher or Secondary Education Establishments

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

Other funding
€ 0,00

THIRD-PARTY

INSTITUT ZA MENTALNO ZDRAVLJE

Serbia
Net EU contribution
€ 77 500,00

Address
Palmoticeva 37
11000 Beograd

Region
Србија - север > Београдски регион > Београдска област

Activity type
Research Organisations

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

Other funding
€ 0,00

UNIVERSITATSKLINIKUM BONN

Germany
Net EU contribution
€ 795 620,00

Address
Venusberg-campus 1
53127 Bonn

Region
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

UNIVERSITATEA BABES BOLYAI
Romania
Net EU contribution
€ 342,862,50

Address
Mihail kogalniceanu 1
400084 Cluj napoca

Region
Macroregiunea Unu > Nord-Vest > Cluj

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

HELSINGIN YLIOPISTO
Finland
Net EU contribution
€ 260,775,00

Address
Higher or Secondary Education Establishments

Contact the organisation [P]  Website [P]
Participation in EU R&I programmes [P]
HORIZON collaboration network [P]

Other funding
€ 0,00

PG ZORGHOLDING BV
Netherlands
€ 864 558,75

Address
Monsterseweg 93
2553 RJ Den haag

Region
West-Nederland > Zuid-Holland > Agglomeratie 's-Gravenhage

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

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

Other funding
€ 0,00

WORLD PSYCHIATRIC ASSOCIATION
Switzerland

Net EU contribution
KAROLINSKA INSTITUTET

Address
Nobels vag 5
17177 Stockholm

Region
Östra Sverige > Stockholm > Stockholms län

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

TEL AVIV UNIVERSITY
Israel

Net EU contribution

€ 150,115,00

Address

Ramat aviv
69978 Tel aviv

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

---

THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK

United States

Net EU contribution

€ 624,413,75

Address

State street 35
12201 Albany ny

Activity type

Other

Links

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

Other funding

€ 0,00

---

LUDWIG-MAXIMILIANS-UNIVERSITAET MUENCHEN

Germany

Net EU contribution

9 of 12
€ 770 171,25
Address
Geschwister scholl platz 1
80539 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

---

KING’S COLLEGE LONDON

United Kingdom

Net EU contribution
€ 798 461,25

Address
Strand
WC2R 2LS London

Region
London > Inner London — West > Westminster

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
FUNDACIO DE RECERCA CLINIC BARCELONA-INSTITUT D INVESTIGACIONS BIOMEDIQUES AUGUST PI I SUNYER

Net EU contribution
€ 421,393.75

Address
Carrer rossello 149
08036 Barcelona

Region
Este > Cataluña > Barcelona

Activity type
Research Organisations

Other funding
€ 0.00

HOSPITAL CLINIC DE BARCELONA

Net EU contribution
€ 123,542.50

Address
Calle villarroel 170
08036 Barcelona

Region
Este > Cataluña > Barcelona

Activity type
Research Organisations

Other funding
€ 0.00
GLOBAL ALLIANCE OF MENTAL ILLNESS ADVOCACY NETWORKS EUROPE AISBL
Belgium

Net EU contribution
€ 209 093,75

Address
Rue du trone 60
1050 Brussels / bruxelles

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

Activity type
Other

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

Other funding
€ 0,00

EC signature date 1 February 2021
Last update: 13 May 2023

Permalink: https://cordis.europa.eu/project/id/945151

European Union, 2023