

# **Imperial College London Participation**

Horizon Europe Cluster 1: Health

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## **Introduction**

This booklet comprises the Horizon Europe Projects under Cluster 1 'Health' that Imperial participates in as a Beneficiary or an Associated Partner. Funding from EC or UKRI Horizon Guarantee.

# SARS-coV2 variants Evaluation in pRegnancy and paeDiatrics cohorts

## Fact Sheet

### Project Information

**VERDI**

Grant agreement ID: 101045989



**DOI**

[10.3030/101045989](https://doi.org/10.3030/101045989) 

**EC signature date**

11 November 2021

**Start date**

1 November 2021

**End date**

31 October 2025

**Funded under**

Health

**Total cost**

€ 15 395 599,42

**EU contribution**

€ 15 395 599,42

**Coordinated by**

UNIVERSITA DEGLI STUDI DI  
PADOVA

 Italy

## Objective

Variants of concern (VoC) of SARS-CoV-2 raise the possibility of increases in transmissibility, severity and immune evasion. Children and pregnant women who have not been prioritised in the pandemic, are likely to be the last population for whom vaccines are approved and may have low uptake, increasing the risk of VoC arising in this population. Monitoring this group across regions is crucial given rapid changes in epidemiology due to interventions, vaccine rollout and viral evolution. VERDI (SARS-CoV-2 variants Evaluation in pRegnancy and paeDiatrics cohorts) will build on a long-standing infectious disease research and trial network (Penta) to address research questions on the impact of VoC in these vulnerable groups.

Mpox virus (known as monkeypox or MPX, when this application was originally written) is a zoonotic Orthopox virus first described in the Democratic Republic of Congo in 1970. It is an infection of global significance, with cases reported in 11 African countries and sporadic cases reported outside Africa as a result of zoonotic transmission and travellers returning from endemic areas. However, despite the global burden of monkeypox disease, research into monkeypox has historically been neglected. This current outbreak of monkeypox is, like many communicable and non-communicable diseases, a complex biosocial phenomenon, disproportionately impacting marginalised communities, whilst exposing and amplifying global health inequities.

Since May 2022, large numbers of monkeypox cases have been reported in non-endemic countries. As of 9 September 2022, there have been 57,527 confirmed cases of monkeypox since the start of the 2022 outbreak, with the vast majority being reported in non-endemic countries. Of the 103 countries reporting cases in this current outbreak, 96 are countries which have not historically reported monkeypox cases. A recently published case series of 528 patients in 16 countries, reported that 98% of cases were in gay or bisexual men, with 41% also living with HIV. Sexual contact has been found to be the dominant method of transmission in this current outbreak. In this case series, 13% of cases were hospitalised, mainly for pain management, bacterial super-infection, and fluid management.

VERDI's objectives are: i) track and characterise VoC and MPX in paediatric and pregnant populations and other high risk populations across the globe; ii) understand effects of VoC and MPX on clinical outcomes (short/longer term), vaccine effectiveness and transmission characteristics; iii) model outcomes and impacts of VoC and MPX; iv) develop evidence-based recommendations for control of COVID-19 and MPX and other emerging or re-emerging infections.

VERDI will achieve these objectives by bringing together a diverse range of cohort studies including large scale national and regional level population-based cohort studies from the EU and beyond, providing a unique opportunity for harmonised analysis of data on VoC and MPX from a range of sources (e.g. electronic health records, bespoke cohort studies, household transmission studies, screening programmes). We will facilitate expansion of existing studies, e.g. replicating ongoing European household studies elsewhere. Through this approach, VERDI will expand and enhance existing cohort networks, including promoting flexibility to adapt to future emerging infections. The project will improve understanding of the epidemiology and impact of VoC and MPX, leading to robust recommendations for control in a range of global settings as well as developing preparedness for future health emergencies.

## Fields of science

[medical and health sciences](#) > [health sciences](#) > [public health](#) > **[epidemiology](#)**

[medical and health sciences](#) > [health sciences](#) > [infectious diseases](#) > [RNA viruses](#) > **[coronaviruses](#)**

[medical and health sciences](#) > [basic medicine](#) > [pharmacology and pharmacy](#) > [pharmaceutical drugs](#) > **[vaccines](#)**

[medical and health sciences](#) > [clinical medicine](#) > **[obstetrics](#)**

[medical and health sciences](#) > [clinical medicine](#) > **[paediatrics](#)**

## Keywords

[SARS](#)

[public health and epidemiology](#)

[cohort studies](#)

[COVID-19](#)

[vaccines](#)

[children](#)

[pregnancy](#)

[outbreak preparedness and response](#)

[pandemic](#)

## Programme(s)

[HORIZON.2.1 - Health](#)

MAIN PROGRAMME

[HORIZON.2.1.4 - Infectious Diseases, including poverty-related and neglected diseases](#)

## Topic(s)

[HORIZON-HLTH-2021-CORONA-01-02 - Cohorts united against COVID-19 variants of concern](#)

## Call for proposal

[HORIZON-HLTH-2021-CORONA-01](#)

[See other projects for this call](#)

## Funding Scheme

[HORIZON-RIA - HORIZON Research and Innovation Actions](#)

# Coordinator



## UNIVERSITA DEGLI STUDI DI PADOVA

Net EU contribution

€ 2 285 562,01

Address

Via 8 febbraio 2

35122 Padova

Italy

Region

Nord-Est > Veneto > Padova

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 (31)

---



## UNIVERSITY COLLEGE LONDON

United Kingdom

Net EU contribution

€ 1 807 112,67

Address

Gower street

WC1E 6BT London

Region

London > Inner London — West > Camden and City of London

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

---



## UNIVERSITAIR MEDISCH CENTRUM UTRECHT

 Netherlands

Net EU contribution

€ 1 140 935,00

Address

**Heidelberglaan 100**  
**3584 CX Utrecht** 

Region

**West-Nederland > Utrecht > Utrecht**

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

---



## UNIVERSITETET I OSLO

 Norway

Net EU contribution

€ 220 000,00

Address

**Problemveien 5-7**  
**0313 Oslo** 

Region

**Norge > Oslo og Viken > Oslo**

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

---



### ISTITUTO PER L'INTERSCAMBIO SCIENTIFICO

 Italy

Net EU contribution

€ 921 250,00

Address

Via chisola 5

10126 Torino 

Region

**Nord-Ovest > Piemonte > Torino**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



### CONENO GMBH

 Germany

Net EU contribution

€ 477 440,00

Address

Trippstadter str 122

67663 Kaiserslautern 

SME 

Yes

Region

**Rheinland-Pfalz > Rheinhessen-Pfalz > Kaiserslautern, 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**

---



## **INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE**

 France

Net EU contribution

**€ 278 450,00**

Address

**Rue de tolbiac 101**

**75654 Paris** 

Region

**Ile-de-France > Ile-de-France > Paris**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**

---



## **MAHIDOL UNIVERSITY**

 Thailand

Net EU contribution

**€ 160 000,00**

Address

**Ratchawithi road 420/6**  
**10400 Bangkok** 

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**

---



## **CHIANG MAI UNIVERSITY**

 Thailand

Net EU contribution

**€ 160 000,00**

Address

**Huay kaew road 238**  
**50200 Chiang mai** 

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**

---



## **UNIVERSITA DEGLI STUDI DI VERONA**

 Italy

Net EU contribution

**€ 355 000,00**

Address

Via dell artigliere 8  
37129 Verona 

Region

**Nord-Est > Veneto > Verona**

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**



## FONDAZIONE PENTA ETS

 Italy

Net EU contribution

**€ 1 379 726,74**

Address

**Corso stati uniti 4**  
**35127 Padova** 

Region

**Nord-Est > Veneto > Padova**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**



## LES CENTRES GHESKIO

 Haiti

Net EU contribution

€ 190 000,00

Address

**33 boulevard harry truman**  
**6110 Port-au-prince** 

Activity type

**Research Organisations**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## UNIVERSITY OF CAPE TOWN

 South Africa

Net EU contribution

€ 200 200,00

Address

**Private bag x3**  
**7701 Rondebosch** 

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

---



## STELLENBOSCH UNIVERSITY

 South Africa

Net EU contribution

€ 200 200,00

Address

Victoria street administration b building

7600 Stellenbosch 

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**

---



**FONDAZIONE BRUNO KESSLER**

 Italy

Net EU contribution

**€ 280 000,00**

Address

**Via santa croce 77**

**38122 Trento** 

Region

**Nord-Est > Provincia Autonoma di Trento > Trento**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**

---



**MOR RESEARCH APPLICATIONS LTD**

 Israel

Net EU contribution

**€ 933 950,00**

Address

40 toval street  
5252247 Ramat gan 

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**



## UNIVERSITEIT HASSELT

 Belgium

Net EU contribution

**€ 508 750,00**

Address

**Martelarenlaan 42**  
**3500 Hasselt** 

Region

**Vlaams Gewest > Prov. Limburg (BE) > Arr. Hasselt**

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**



## ISTITUTO ZOOPROFILATTICO SPERIMENTALE DELLE VENEZIE

 Italy

Net EU contribution

**€ 100 000,00**

Address

Viale dell universita 10  
35020 Legnaro 

Region

**Nord-Est > Veneto > Padova**

Activity type

**Other**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**



## UNIVERSITEIT ANTWERPEN

 Belgium

Net EU contribution

**€ 190 000,00**

Address

**Prinsstraat 13  
2000 Antwerpen** 

Region

**Vlaams Gewest > Prov. Antwerpen > Arr. Antwerpen**

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**



## UNIVERSITAT BASEL

 Switzerland

Net EU contribution



€ 6 250,00

Address

**Petersplatz 1**

**4051 Basel** 

Region

**Schweiz/Suisse/Svizzera > Nordwestschweiz > Basel-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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 **THIRD-PARTY** 

**UNIVERSITATS-KINDERSPITAL BEIDER BASEL**

 Switzerland

Net EU contribution

€ 65 000,00

Address

**Spitalstrasse 33**

**4056 Basel** 

Region

**Schweiz/Suisse/Svizzera > Nordwestschweiz > Basel-Stadt**

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00



**IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE**

 United Kingdom

Net EU contribution

**€ 190 000,00**

Address

**South kensington campus exhibition road  
SW7 2AZ 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**



## **EUROPEAN UNIVERSITY - CYPRUS LTD**

 Cyprus

Net EU contribution

**€ 87 896,25**

Address

**Diogenes street 6 engomi  
22006 Nicosia** 

Region

**Κύπρος > Κύπρος > Κύπρος**

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**




## NEAT ID FOUNDATION

 Belgium

Net EU contribution

**€ 2 457 266,25**

Address

**PI 709 rue haute 322**  
**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

**Research Organisations**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**



## INSTITUTE OF HUMAN VIROLOGY NIGERIA LTDGTE

 Nigeria

Net EU contribution

**€ 100 000,00**

Address

**Plot 62 emeritus umaru shehu avenue cadastral zone c00**  
**900107 Abuja** 

Activity type

**Research Organisations**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## SERVICIO MADRILENO DE SALUD

Spain

Net EU contribution

€ 30 000,00

Address

Paseo de la castellana, 280

28046 Madrid

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type

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

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Other funding

€ 0,00

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THIRD-PARTY

## FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO 12 DE OCTUBRE

Spain

Net EU contribution

€ 20 000,00

Address

Avenida de cordoba sn

28041 Madrid

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type

**Other**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

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 **THIRD-PARTY** 


## FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL GREGORIO MARANON

 Spain

Net EU contribution

€ 20 000,00

Address

**Calle doctor esquerdo 46**  
**28007 Madrid** 

Region

**Comunidad de Madrid > Comunidad de Madrid > Madrid**

Activity type

**Other**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

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 **THIRD-PARTY** 


## FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSIATRIO LA PAZ

 Spain

Net EU contribution

€ 20 000,00

Address

**Paseo de la castellana 261**  
**28046 Madrid** 

Region

**Comunidad de Madrid > Comunidad de Madrid > Madrid**

Activity type

**Other**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**



## **UNIVERSITE DE LIEGE**

 Belgium

Net EU contribution

**€ 50 000,00**

Address

**Place du 20 aout 7**

**4000 Liege** 

Region

**Région wallonne > Prov. Liège > Arr. Liège**

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**



## **SOCIETA SERVIZI TELEMATICI SRL**

 Italy

Net EU contribution

**€ 200 000,00**

Address

Via medici giacomo 9/a

35138 Padova 

SME 

Yes

Region

**Nord-Est > Veneto > Padova**

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**



## TARTU ULIKOOL

 Estonia

Net EU contribution

**€ 360 610,50**

Address

**Ulikooli 18**

**51005 Tartu** 

Region

**Eesti > Eesti > Lõuna-Eesti**

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**

## Partners (1)



## UNIVERSITY OF FLORIDA

 United States

Net EU contribution

**€ 0,00**

Address

**Grinter hall 223**

**32611 5500 Gainesville** 

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**No data**

**Last update:** 13 July 2022

**Permalink:** <https://cordis.europa.eu/project/id/101045989>

European Union, 2024



# European Cohorts of Patients and Schools to Advance Response to Epidemics

## Fact Sheet

### Project Information

**EuCARE**

Grant agreement ID: 101046016



**DOI**

[10.3030/101046016](https://doi.org/10.3030/101046016)

**EC signature date**

15 November 2021

**Start date**

14 October 2021

**End date**

13 October 2026

**Funded under**

Health

**Total cost**

€ 9 995 920,00

**EU contribution**

€ 9 995 919,50

**Coordinated by**

EURESIST NETWORK GEIE



Italy

## Objective

The EuCARE project gathers a comprehensive multidisciplinary team of clinicians, virologists, epidemiologists, statisticians and top experts in artificial intelligence to unveil the impact of SARS-CoV-2 variants on key sectors of public health, as addressed by the call. The specific activities include:

1. The assessment of natural and artificial immunity to the different viral variants in health care workers with the aim of defining the cross-immunization patterns and the risk of vaccine escape, informing vaccination strategies for the general population;

2. The analysis of the clinical course and long-term follow-up of hospitalized COVID-19 patients to derive the role of different viral variants in the outcome of the infection, including post-acute sequelae of SARS-CoV-2 infection;

3. The definition of the best strategies to control the spread of different viral variants in schools, by comparing the outcome of diverse containment and prevention measures in relation to the prevalence and dynamics of the variants.

To ensure a suitable representativeness of the different variants, vaccines and preventive measures, EuCARE has secured the appropriate cohorts from diverse geographic areas including European countries, Kenya, Mexico, Russia and Vietnam, and will consolidate or expand interactions with other cohorts. To deal with complex interactions among many variables, including large dimensional parameters, EuCARE harnesses the power of artificial intelligence to define the role of viral variants and inform clinical guidelines and prevention measures.

In the longer-term, EuCARE is committed to maintain active cooperation beyond the duration of the project with a dedicated task in the project. The solid IT and ethics infrastructure and the harmonised research procedures will make the cohort and laboratory network rapidly available to tackle newly emerging infectious diseases, thus contributing to pandemic preparedness on a global scale.

## Fields of science

[natural sciences](#) > [computer and information sciences](#) > **[artificial intelligence](#)**

[medical and health sciences](#) > [health sciences](#) > **[public health](#)**

[medical and health sciences](#) > [health sciences](#) > [infectious diseases](#) > [RNA viruses](#) > **[coronaviruses](#)**

## Keywords

[Schools and kindergartens](#)

## Programme(s)

[HORIZON.2.1 - Health](#)

MAIN PROGRAMME

[HORIZON.2.1.4 - Infectious Diseases, including poverty-related and neglected diseases](#)

## Topic(s)

[HORIZON-HLTH-2021-CORONA-01-02 - Cohorts united against COVID-19 variants of concern](#)

# Call for proposal

[HORIZON-HLTH-2021-CORONA-01](#)

[See other projects for this call](#)

## Funding Scheme

[HORIZON-RIA - HORIZON Research and Innovation Actions](#)

## Coordinator



### EURESIST NETWORK GEIE

Net EU contribution

€ 2 719 500,00

Address

Via guido guinizelli 98/100

00152 Roma rm

Italy

SME

Yes

Region

Centro (IT) > Lazio > Roma

Activity type

**Research Organisations**

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Other funding

€ 0,00

## Participants (19)




## KLINIKUM DER UNIVERSITAET ZU KOELN

 Germany

Net EU contribution

€ 600 000,00

Address

**Kerpener strasse 62**  
**50937 Koeln** 

Region

**Nordrhein-Westfalen > Köln > Köln, 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



## UNIVERSITY COLLEGE LONDON

 United Kingdom

Net EU contribution

€ 112 932,50

Address

**Gower street**  
**WC1E 6BT London** 

Region

**London > Inner London — West > Camden and City of London**

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



## EBERHARD KARLS UNIVERSITAET TUEBINGEN

 Germany

Net EU contribution

**€ 487 250,00**

Address

**Geschwister-scholl-platz**

**72074 Tuebingen** 

Region

**Baden-Württemberg > Tübingen > Tübingen, Landkreis**

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**



## UNIVERSITA DEGLI STUDI DI ROMA TOR VERGATA

 Italy

Net EU contribution

**€ 436 875,00**

Address

**Via cracovia 50**

**00133 Roma** 

Region

**Centro (IT) > Lazio > Roma**

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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## KAROLINSKA INSTITUTET

 Sweden

Net EU contribution

€ 764 687,00

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

€ 0,50

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## UNIVERSITA DEGLI STUDI DI SIENA

 Italy

Net EU contribution

€ 600 000,00

Address

**Via banche di sotto 55**

**53100 Siena** 

Region

**Centro (IT) > Toscana > Siena**

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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## IBM ISRAEL - SCIENCE AND TECHNOLOGY LTD

 Israel

Net EU contribution

€ 465 125,00

Address

**94 derech em-hamoshavot**

**49527 Petach tikva** 

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

---



## AZIENDA SOCIO-SANITARIA TERRITORIALE (ASST) SANTI PAOLO E CARLO

 Italy

Net EU contribution

€ 500 000,00

Address

**Via di rudini 8**

**20142 Milano** 

Region

**Nord-Ovest > Lombardia > Milano**

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

---



## ISTITUTO NAZIONALE PER LE MALATTIE INFETTIVE LAZZARO SPALLANZANI-ISTITUTO DI RICOVERO E CURA A CARATTERE SCIENTIFICO

 Italy

Net EU contribution

€ 70 000,00

Address

**Via portuense, 292**

**00149 Roma** 

Region

**Centro (IT) > Lazio > Roma**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## VIESOJI ISTAIGA VILNIAUS UNIVERSITETO LIGONINE SANTAROS KLINIKOS

 Lithuania

Net EU contribution

€ 324 375,00

Address

**Santariskiu g 2**

**LT-08661 Vilnius** 

Region



Activity type

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

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**



## ISTITUTO EUROPEO DI ONCOLOGIA SRL

 Italy

Net EU contribution

**€ 549 975,00**

Address

**Via filodrammatici 10**

**20121 Milano** 

Region

**Nord-Ovest > Lombardia > Milano**

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**



## UNIVERSIDADE NOVA DE LISBOA

 Portugal

Net EU contribution

**€ 563 875,00**

Address

Campus de campolide

1099 085 Lisboa 

Region

Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00



## IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

 United Kingdom

Net EU contribution

€ 450 000,00

Address

**South kensington campus exhibition road**

**SW7 2AZ 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



## INFECTIOUS DISEASES, AIDS AND CLINICAL IMMUNOLOGY RESEARCH CENTER



 Georgia

Net EU contribution

€ 5 000,00

Address

**Gldani-nadzaladevi district gudamakari turn 2**

**0160 Tbilisi** 

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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## HEINRICH-HEINE-UNIVERSITAET DUESSELDORF

 Germany

Net EU contribution

€ 399 950,00

Address

**Universitaetsstrasse 1**

**40225 Dusseldorf** 

Region

**Nordrhein-Westfalen > Düsseldorf > Düsseldorf, 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

---



## CENTRO HOSPITALAR DE LISBOA OCIDENTAL EPE

 Portugal

Net EU contribution

**€ 371 875,00**

Address

**Estrada do forte do alto do duque  
1495 005 Lisboa** 

Region

**Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa**

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**



## **ORGANIZING BUREAU OF EUROPEAN SCHOOL STUDENT UNIONS**

 Belgium

Net EU contribution

**€ 56 750,00**

Address

**Rue l'industrie 10  
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](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**



## UNIVERSITA DEL SALENTO

 Italy

Net EU contribution

€ 286 500,00

Address

**Piazza tancredi 7**

**73100 Lecce** 

Region

**Sud > Puglia > Lecce**

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



## POMORSKI UNIWERSYTET MEDYCZNY W SZCZECINIE

 Poland

Net EU contribution

€ 231 250,00

Address

**Rybacka 1**

**70-204 Szczecin** 

Region

**Makroregion północno-zachodni > Zachodniopomorskie > Miasto Szczecin**

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

**Last update:** 13 July 2022

**Permalink:** <https://cordis.europa.eu/project/id/101046016>

European Union, 2024

# The human genetic and immunological determinants of the clinical manifestations of SARS-CoV-2 infection: Towards personalised medicine

## Fact Sheet

### Project Information

**UNDINE**

Grant agreement ID: 101057100

**DOI**

[10.3030/101057100](https://doi.org/10.3030/101057100)

**EC signature date**

20 May 2022

**Start date**

1 June 2022

**End date**

31 May 2026

**Funded under**

Health

**Total cost**

€ 6 718 138,75

**EU contribution**

€ 6 718 138,75

**Coordinated by**

AARHUS UNIVERSITET



Denmark

## Project description

### The determinants of SARS-CoV-2 exposure manifestation

Clinical manifestations of SARS-CoV-2 exposure present great variability, which can partly be explained by comorbidities. Recent evidence indicates that inborn errors of immunity or the presence of autoantibodies are associated with COVID-19 pneumonia. The EU-funded UNDINE project aims to extend such evidence and provide information on the genetic and immunological basis of variations in clinical manifestations following SARS-CoV-2 exposure. The project is a collaborative translational research effort among different European partners, who will contribute

resources, including data, from patient cohorts. Moreover, they will develop diagnostic tests for autoantibodies as a means to predict COVID-19 adverse effects.

## Fields of science

[medical and health sciences](#) > [clinical medicine](#) > **[pneumology](#)**

[medical and health sciences](#) > [health sciences](#) > [infectious diseases](#) > [RNA viruses](#) > **[coronaviruses](#)**

[medical and health sciences](#) > [basic medicine](#) > [pharmacology and pharmacy](#) > [pharmaceutical drugs](#) > **[vaccines](#)**

[medical and health sciences](#) > [health sciences](#) > **[personalized medicine](#)**

## Keywords

[human genetics](#)

[interferon](#)

[SARS-CoV-2](#)

[autoantibodies](#)

[variant of concern](#)

[vaccine failure](#)

[treatment](#)

[translational medicine](#)

[immune pathogenesis](#)

[diagnostic tests](#)

[inborn error of immunity](#)

## Programme(s)

[HORIZON.2.1 - Health](#)

MAIN PROGRAMME

[HORIZON.2.1.4 - Infectious Diseases, including poverty-related and neglected diseases](#)

## Topic(s)

[HORIZON-HLTH-2021-DISEASE-04-07 - Personalised medicine and infectious diseases: understanding the individual host response to viruses \(e.g. SARS-CoV-2\)](#)

## Call for proposal

[HORIZON-HLTH-2021-DISEASE-04](#)

[See other projects for this call](#)

## Funding Scheme



## Coordinator



### AARHUS UNIVERSITET

Net EU contribution

€ 1 138 996,25

Address

**Nordre ringgade 1**

**8000 Aarhus c**

 **Denmark** 

Region

**Danmark > Midtjylland > Østjylland**

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 (18)

---



### INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE

 **France**

Net EU contribution

€ 1 944 550,00

Address

**Rue de tolbiac 101**

**75654 Paris** 

Region

**Ile-de-France > Ile-de-France > Paris**

Activity type

## Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## INSTITUT PASTEUR

 France

Net EU contribution

€ 443 380,00

Address

Rue du docteur roux 25-28

75724 Paris 

Region

Ile-de-France > Ile-de-France > Paris

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## KATHOLIEKE UNIVERSITEIT LEUVEN

 Belgium

Net EU contribution

€ 312 500,00

Address

Oude markt 13

3000 Leuven 

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**

---



**UNIVERSITA DEGLI STUDI DI ROMA TOR VERGATA**

 Italy

Net EU contribution

**€ 125 000,00**

Address

**Via cracovia 50**

**00133 Roma** 

Region

**Centro (IT) > Lazio > Roma**

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**

---



**OSPEDALE SAN RAFFAELE SRL**

 Italy

Net EU contribution

**€ 299 998,75**

Address

Via olgettina 60  
20132 Milano 

Region

**Nord-Ovest > Lombardia > Milano**

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**



## INSTITUT CATALA DE LA SALUT

 Spain

Net EU contribution

**€ 0,00**

Address

**Gran via de les corts catalanes 587**

**08007 Barcelona** 

Region

**Este > Catalunya > Barcelona**

Activity type

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

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**

 **THIRD-PARTY** 

**INSTITUT DE INVESTIGACIO EN CIENCIES DE LA SALUT GERMANS TRIAS I  
PUJOL**

 Spain

Net EU contribution

**€ 71 502,50**

Address

**Ctra de canyet s/n**

**08916 Badalona barcelona** 

Region

**Este > Cataluña > Barcelona**

Activity type

**Research Organisations**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**

---

 **THIRD-PARTY** 

## **FUNDACIO HOSPITAL UNIVERSITARI VALL D'HEBRON - INSTITUT DE RECERCA**

 Spain

Net EU contribution

**€ 163 667,50**

Address

**Passeig vall d hebron 119-129 edificio de recerca**

**08035 Barcelona** 

Region

**Este > Cataluña > Barcelona**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**

## FUNDACIO INSTITUT D'INVESTIGACIO BIOMEDICA DE BELLVITGE

 Spain

Net EU contribution

**€ 77 353,75**

Address

**Avenida gran via hospitalet 199-203  
08908 L'hospitalet de llobregat** 

Region

**Este > Cataluña > Barcelona**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**



## UNIVERSITAIR MEDISCH CENTRUM UTRECHT

 Netherlands

Net EU contribution

**€ 312 193,75**

Address

**Heidelberglaan 100  
3584 CX Utrecht** 

Region

**West-Nederland > Utrecht > Utrecht**

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

---



## TARTU ULIKOOL

 Estonia

Net EU contribution

€ 121 062,50

Address

**Ulikooli 18**  
**51005 Tartu** 

Region

**Eesti > Eesti > Lõuna-Eesti**

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

---



## KAROLINSKA INSTITUTET

 Sweden

Net EU contribution

€ 303 748,75

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

---



## DEUTSCHES PRIMATENZENTRUM GMBH

 Germany

Net EU contribution

€ 350 000,00

Address

**Kellnerweg 4**  
**37077 Gottingen** 

Region

**Niedersachsen > Braunschweig > Göttingen**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## SERVICIO MADRILENO DE SALUD

 Spain

Net EU contribution

€ 125 312,50

Address

**Paseo de la castellana, 280**  
**28046 Madrid** 

Region

**Comunidad de Madrid > Comunidad de Madrid > Madrid**

Activity type



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

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



### BIOMERIEUX SA

 France

Net EU contribution

€ 245 587,50

Address

**Chemin de l'orme**  
**69280 Marcy l'etoile** 

Region

**Auvergne-Rhône-Alpes > Rhône-Alpes > Rhône**

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

---




### IDRYMA IATROVIOLOGIKON EREUNON AKADEMIAS ATHINON

 Greece

Net EU contribution

€ 312 500,00

Address

**Soranou efesiou 4**  
**115 27 Athina** 

Region

**Αττική > Αττική > Κεντρικός Τομέας Αθηνών**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**



**THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN**

 Ireland

Net EU contribution

**€ 308 285,00**

Address

**College green trinity college  
D02 CX56 Dublin 2** 

Region

**Ireland > Eastern and Midland > Dublin**

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**



**AARHUS UNIVERSITETSHOSPITAL**

 Denmark

Net EU contribution

€ 62 500,00

Address

**Palle juul-jensens boulevard 99**  
**8200 Aarhus** 

Region

**Danmark > Midtjylland > Østjylland**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

## Partners (3)

---



*CENTRE HOSPITALIER UNIVERSITAIRE VAUDOIS* 

 Switzerland

Net EU contribution

€ 0,00

Address

**Rue du bugnon 21**  
**1011 Lausanne** 

Region

**Schweiz/Suisse/Svizzera > Région lémanique > Vaud**

Activity type

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

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00



## IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

United Kingdom

Net EU contribution

**€ 0,00**

Address

**South kensington campus exhibition road**

**SW7 2AZ 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

**No data**



## ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE

Switzerland

Net EU contribution

**€ 0,00**

Address

**Batiment ce 3316 station 1**

**1015 Lausanne**

Region

**Schweiz/Suisse/Svizzera > Région lémanique > Vaud**

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

**Last update:** 10 March 2023

**Permalink:** <https://cordis.europa.eu/project/id/101057100>

European Union, 2024

# Trustworthy AI Tools for the Prediction of Obesity Related Vascular Diseases

## Fact Sheet

### Project Information

#### AI-POD

Grant agreement ID: 101080302

#### DOI

[10.3030/101080302](https://doi.org/10.3030/101080302) 

#### EC signature date

24 March 2023

#### Start date

1 May 2023

#### End date

30 April 2027

#### Funded under

Health

#### Total cost

€ 5 298 740,00

#### EU contribution

€ 5 298 740,00

#### Coordinated by

UNIVERSITÄTSKLINIKUM BONN



Germany

## Project description

### AI to overcome obesity-related cardiovascular diseases

Obesity is a significant challenge in Europe, affecting over 436 million people. This condition increases the risk of death from cardiovascular disease (CVD) by 50 %. The associated treatment costs of obesity exceed EUR 210 billion annually. Artificial intelligence (AI) can be used to improve risk assessment precision and guide the development of applicable solutions. The EU-funded AI-POD project aims to develop trustworthy AI tools to support clinical decision-making. By integrating clinical, laboratory, and imaging data, these tools will offer actionable diagnostic insights and treatment recommendations, aiding patients with CVD and their doctors in managing their health. The overall goal is to improve the quality of life for millions of Europeans.

## Fields of science

[medical and health sciences](#) > [health sciences](#) > [public health](#)

[social sciences](#) > [sociology](#) > [demography](#) > [mortality](#)

[medical and health sciences](#) > [clinical medicine](#) > [angiology](#) > [vascular diseases](#)

[medical and health sciences](#) > [clinical medicine](#) > [cardiology](#) > [cardiovascular diseases](#)

[medical and health sciences](#) > [health sciences](#) > [nutrition](#) > [obesity](#)

## Keywords

[Obesity](#)

[AI-based risk prediction](#)

[vascular diseases](#)

[multidisciplinary data integration](#)

[trustworthy AI](#)

[mobile app](#)

[end-user involvement](#)

## Programme(s)

[HORIZON.2.1 - Health](#)

MAIN PROGRAMME

[HORIZON.2.1.1 - Health throughout the Life Course](#)

## Topic(s)

[HORIZON-HLTH-2022-STAYHLTH-01-04-two-stage - Trustworthy artificial intelligence \(AI\) tools to predict the risk of chronic non-communicable diseases and/or their progression](#)

## Call for proposal

[HORIZON-HLTH-2022-STAYHLTH-01-two-stage](#)

[See other projects for this call](#)

## Funding Scheme

[HORIZON-RIA - HORIZON Research and Innovation Actions](#)

## Coordinator



## UNIVERSITÄTSKLINIKUM BONN

Net EU contribution

€ 1 017 902,50

Address

Venusberg-campus 1

53127 Bonn

 Germany 

Region

Nordrhein-Westfalen > Köln > Bonn, 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

## Participants (8)

---



## EIBIR GEMEINNUTZIGE GMBH ZUR FORDERUNG DER ERFORSCHUNG DER BIOMEDIZINISCHEN BILDGEBUNG

 Austria

Net EU contribution

€ 491 875,00

Address

Am gestade 1

1010 Wien 

Region

Ostösterreich > Wien > Wien

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 



[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## MEDIZINISCHE UNIVERSITAET WIEN

 Austria

Net EU contribution

€ 932 175,00

Address

**Spitalgasse 23**

**1090 Wien** 

Region

**Ostösterreich > Wien > Wien**

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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## COLLECTIVE MINDS RADIOLOGY AB

 Sweden

Net EU contribution

€ 599 175,00

Address

**Svardvagen 5**

**182 33 Danderyd** 

SME 

**Yes**

Region

**Östra Sverige > Stockholm > Stockholms län**

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**

---



## UNIVERZITA KARLOVA

 Czechia

Net EU contribution

**€ 308 250,00**

Address

**Ovocny trh 560/5**

**116 36 Praha 1** 

Region

**Česko > Praha > Hlavní město Praha**

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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## RUPRECHT-KARLS-UNIVERSITAET HEIDELBERG

 Germany

Net EU contribution

**€ 399 375,00**

Address

**Seminarstrasse 2**

**69117 Heidelberg** 

Region

**Baden-Württemberg > Karlsruhe > Heidelberg, Stadtkreis**

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**

---



## **KATHOLIEKE UNIVERSITEIT LEUVEN**

 Belgium

Net EU contribution

**€ 729 987,50**

Address

**Oude markt 13**

**3000 Leuven** 

Region

**Vlaams Gewest > Prov. Vlaams-Brabant > Arr. Leuven**

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**

---



## **MEDICALVALUES GMBH**

 Germany

Net EU contribution

**€ 382 000,00**

Address

Haid-und-neu-strasse 18

76131 Karlsruhe 

SME 

Yes

Region

**Baden-Württemberg** > **Karlsruhe** > **Karlsruhe, Stadtkreis**

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



**BRIGHTFISH BV**

 Netherlands

Net EU contribution

€ 438 000,00

Address

**Wegalaan 46**

**2132 JC Hoofddorp** 

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

**Partners (2)**



## UNIVERSITÄT ZÜRICH

Switzerland

Net EU contribution

€ 0,00

Address

**Ramistrasse 71**  
**8006 Zurich**

Region

**Schweiz/Suisse/Svizzera > Zürich > Zürich**

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



## IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

United Kingdom

Net EU contribution

€ 0,00

Address

**South kensington campus exhibition road**  
**SW7 2AZ 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

**No data**

**Last update:** 29 June 2023

**Permalink:** <https://cordis.europa.eu/project/id/101080302>

European Union, 2024

# An Artificially Intelligent Diagnostic Assistant for gastric inflammation

## Fact Sheet

### Project Information

#### AIDA

Grant agreement ID: 101095359

#### DOI

[10.3030/101095359](https://doi.org/10.3030/101095359) 

#### EC signature date

5 December 2022

#### Start date

1 January 2023

#### End date

31 December 2026

#### Funded under

Health

#### Total cost

€ 6 334 803,75

#### EU contribution

€ 6 334 803,75

#### Coordinated by

FUNDACION PARA LA  
INVESTIGACION DEL HOSPITAL  
CLINICO DE LA COMUNITAT  
VALENCIANA, FUNDACION  
INCLIVA



Spain

## Project description

### An AI-based risk score for gastric cancer

Artificial intelligence (AI) is gradually being introduced into healthcare to improve disease risk assessment and predict clinical or therapy outcome. The EU-funded AIDA project aims to generate an AI-based risk score for gastric cancer, a disease that is usually detected at an advanced stage when little can be done in terms of treatment. Researchers will combine data from various sources to detect precancerous gastric inflammation and generate a risk score for gastric cancer. The

approach will improve understanding of how gastric inflammation evolves into cancer and will help clinicians formulate a personalised treatment plan for preventing gastric cancer.

## Fields of science

[social sciences](#) > [sociology](#) > **[governance](#)**

[medical and health sciences](#) > [clinical medicine](#) > **[oncology](#)**

[natural sciences](#) > [biological sciences](#) > [ecology](#) > **[ecosystems](#)**

[natural sciences](#) > [computer and information sciences](#) > [artificial intelligence](#) > **[machine learning](#)**

[social sciences](#) > [political sciences](#) > **[public administration](#)**

## Keywords

[Helicobacter pylori](#)

[gastric chronic inflammation](#)

[prevention](#)

[artificial intelligence](#)

[gastric intestinal metaplasia](#)

[personalised health recommendations](#)

[gastric cancer](#)

## 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



## Coordinator



### FUNDACION PARA LA INVESTIGACION DEL HOSPITAL CLINICO DE LA COMUNITAT VALENCIANA, FUNDACION INCLIVA

Net EU contribution

€ 1 138 750,00

Address

Av menendez pelayo 4

46010 Valencia

 Spain 

Region

Este > Comunitat Valenciana > Valencia/València

Activity type

**Research Organisations**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

## Participants (13)

---



### LATVIJAS UNIVERSITATE

 Latvia

Net EU contribution

€ 755 250,00

Address

Raina boulevard 19

1586 Riga 

Region

Latvija > Latvija > Rīga

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

---



## I3S - INSTITUTO DE INVESTIGACAO E INOVACAO EM SAUDE DA UNIVERSIDADE DO PORTO

 Portugal

Net EU contribution

€ 532 997,50

Address

Rua alfredo allen 208

4200-135 Porto 

Region

Continente > Norte > Área Metropolitana do Porto

Activity type

## Research Organisations

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## SERVICIO MADRILENO DE SALUD

 Spain

Net EU contribution

€ 10 000,00

Address

Paseo de la castellana, 280  
28046 Madrid 

Region

**Comunidad de Madrid > Comunidad de Madrid > Madrid**

Activity type

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

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**

---

 **THIRD-PARTY** 

## **FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO LA PRINCESA**

 Spain

Net EU contribution

**€ 256 130,00**

Address

**Diego de leon 62 1 planta  
28006 Madrid** 

SME 

**Yes**

Region

**Comunidad de Madrid > Comunidad de Madrid > Madrid**

Activity type

**Research Organisations**

Links

[Contact the organisation](#) 

[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

Spain

Net EU contribution

€ 234 155,00

Address

**Carrer rossello 149**  
**08036 Barcelona**

Region

**Este > Cataluña > Barcelona**

Activity type

**Research Organisations**

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Other funding

€ 0,00

---

**THIRD-PARTY**

## HOSPITAL CLINIC DE BARCELONA

Spain

Net EU contribution

€ 127 657,50

Address

**Calle villarroel 170**  
**08036 Barcelona**

Region

**Este > Cataluña > Barcelona**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Other funding

€ 0,00

---



## CENTRE HOSPITALIER UNIVERSITAIRE DE NANTES

 France

Net EU contribution

€ 228 602,50

Address

**Allee de l'ile gloriette 5**  
**44093 Nantes** 

Region

**Pays de la Loire > Pays de la Loire > Loire-Atlantique**

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

---

 **THIRD-PARTY** 

## NANTES UNIVERSITE

 France

Net EU contribution

€ 224 992,50

Address

**1 quai de tourville**  
**44000 Nantes** 

Region

**Pays de la Loire > Pays de la Loire > Loire-Atlantique**

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## LIETUVOS SVEITAKOS MOKSLU UNIVERSITETO LIGONINE KAUNO KLINIKOS

 Lithuania

Net EU contribution

€ 500 000,00

Address

**Eiveniu 2**

**50161 Kaunas** 

Region

**Lietuva > Vidurio ir vakarų Lietuvos regionas > Kauno apskritis**

Activity type

**Research Organisations**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## INSTITUTO PORTUGUES DE ONCOLOGIA DO PORTO FRANCISCO GENTIL, EPE

 Portugal

Net EU contribution

€ 791 875,00

Address

**Rua antonio bernardino almeida**

**4200-072 Porto** 

Region

**Continente > Norte > Área Metropolitana do Porto**

Activity type

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

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

**€ 373 893,75**

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**

---



## STRATEJAI

 Belgium

Net EU contribution

**€ 802 500,00**

Address

Avenue Louise 209/a  
1050 Bruxelles / brussel



SME

Yes

Region

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

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



## DIGESTIVE CANCERS EUROPE DICE

Belgium

Net EU contribution

€ 358 000,00

Address

Rue de la loi 235

1040 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](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Other funding

€ 0,00



# Partners (1)

---



## IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

 United Kingdom

Net EU contribution

**€ 0,00**

Address

**South kensington campus exhibition road**

**SW7 2AZ 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

**No data**

**Last update:** 9 December 2022

**Permalink:** <https://cordis.europa.eu/project/id/101095359>

European Union, 2024

# Synthetic and scalable data platform for medical empowered AI

## Fact Sheet

### Project Information

**AI Sym4MED**

Grant agreement ID: 101095387

**DOI**

[10.3030/101095387](https://doi.org/10.3030/101095387) 

**EC signature date**

22 November 2022

**Start date**

1 December 2022

**End date**

30 November 2026

**Funded under**

Health

**Total cost**

€ 6 341 765,00

**EU contribution**

€ 6 341 765,00

**Coordinated by**

ASSOCIACAO FRAUNHOFER  
PORTUGAL RESEARCH



Portugal

## Project description

### A platform for healthcare data engineers

The EU-funded AISym4Med project aims to create a platform to support the development of digital solutions and services for medical applications by enabling innovators to evaluate and improve AI systems in a secure and trustworthy environment. The platform will include two main modules - the Model Auditor, which will allow transparent evaluation of AI models in terms of performance, biases, limitations, and GDPR compliance, and the Data Synthesiser, which will provide new data instances to enhance more robust models for better representativeness of underrepresented groups and privacy preservation. The platform will also address data security, data quality control, anonymisation, attribute-based privacy measures

and ethical norms while promoting the indirect assessment of a broader number of data sets through a federated approach.

## Fields of science

[natural sciences](#) > [computer and information sciences](#) > **[databases](#)**

[natural sciences](#) > [computer and information sciences](#) > [artificial intelligence](#) > **[machine learning](#)**

## Keywords

[Synthetic data](#)

[AI technologies](#)

[anonymization techniques](#)

[data access](#)

[privacy](#)

[blockchain](#)

## Programme(s)

[HORIZON.2.1 - Health](#)

MAIN PROGRAMME

[HORIZON.2.1.5 - Tools, Technologies and Digital Solutions for Health and Care, including personalised medicine](#)

## Topic(s)

[HORIZON-HLTH-2022-IND-13-02 - Scaling up multi-party computation, data anonymisation techniques, and synthetic data generation](#)

## Call for proposal

[HORIZON-HLTH-2022-IND-13](#)

[See other projects for this call](#)

## Funding Scheme

[HORIZON-RIA - HORIZON Research and Innovation Actions](#)

## Coordinator



## ASSOCIACAO FRAUNHOFER PORTUGAL RESEARCH

Net EU contribution

€ 1 051 552,50

Address

Rua alfredo allen 455/461

4200-135 Porto

 Portugal 

Region

Continente > Norte > Área Metropolitana do Porto

Activity type

**Research Organisations**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

## Participants (12)

---



## INSTRUMENTACION Y COMPONENTES SA

 Spain

Net EU contribution

€ 1 205 000,00

Address

Calle alaun 8 pla za

50197 Zaragoza 

Region

Noreste > Aragón > Zaragoza

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



## CONSORCIO SANITARIO DE L'ALT PENEDES Y GARRAF (CSAPG)

 Spain

Net EU contribution

€ 498 750,00

Address

**Avenida de l'espirall**

**08720 Vilafranca del penedes** 

Region

**Este > Cataluña > Barcelona**

Activity type

**Research Organisations**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00



## TIGA BILGI TEKNOLOJILERI ANONIM SIRKETI

 Türkiye

Net EU contribution

€ 394 375,00

Address

**Bahçelievler mah. 323/1 cad. c blok gazi üniversitesi teknokent binasi no: 10/50c**

**06830 Golbasi** 

SME 

**Yes**

Region

**Batı Anadolu > Ankara > Ankara**

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

---



### ZABALA BRUSSELS

 Belgium

Net EU contribution

€ 464 375,00

Address

Rue belliard 20

1040 Bruxelles / brussel 

SME 

Yes

Region

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

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

---



### ASOCIACION INSTITUTO DE INVESTIGACION SANITARIA BIOBIZKAIA

 Spain

Net EU contribution

€ 290 975,00

Address

**Plaza de cruces sn**  
**48903 Barakaldo bizkaia** 

Region

**Noreste > País Vasco > Bizkaia**

Activity type

**Research Organisations**

Links

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

Other funding

**€ 0,00**

---

 **THIRD-PARTY** 

**Servicio Vasco de Salud Osakidetza**

 Spain

Net EU contribution

**€ 113 750,00**

Address

**Alava 45**  
**01006 Vitoria-gasteiz** 





Region

**Noreste > País Vasco > Araba/Álava**

Activity type

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

Links

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

Other funding

**€ 0,00**



**TIMELEX**

 Belgium

Net EU contribution

**€ 417 187,50**

Address

**Joseph stevensstraat 7**  
**1000 Bruxelles / brussel** 

SME 

Yes

Region

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

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**



## **UNIVERSIDADE DO PORTO**

 Portugal

Net EU contribution

**€ 349 755,00**

Address

**Praca gomes teixeira**  
**4099-002 Porto** 

Region

**Continente > Norte > Área Metropolitana do Porto**

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

---




## NOVA ID FCT - ASSOCIACAO PARA A INOVACAO E DESENVOLVIMENTO DA FCT

 Portugal

Net EU contribution

€ 481 695,00

Address

**Campus de caparica faculdade de ciencias e tecnologia da universidade nova de lisboa  
2829 516 Caparica** 

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

---



## IBERMATICA SA

 Spain

Net EU contribution

€ 212 500,00

Address

**Paseo mikeletegi 5  
20009 San sebastian guipuzcoa** 

Region

**Noreste > Pais Vasco > Gipuzkoa**

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

---



## SAIDOT OY

 Finland

Net EU contribution

€ 548 750,00

Address

**Tekniikantie 2**

**02150 Espoo** 

SME 

Yes

Region

**Manner-Suomi > Helsinki-Uusimaa > Helsinki-Uusimaa**

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

---



## UNIVERSITAIR MEDISCH CENTRUM UTRECHT

 Netherlands

Net EU contribution

€ 313 100,00

Address

**Heidelberglaan 100**

**3584 CX Utrecht** 

Region

**West-Nederland > Utrecht > Utrecht**

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**

## Partners (2)

---



### UNIVERSITAT ZURICH

 Switzerland

Net EU contribution

**€ 0,00**

Address

**Ramistrasse 71**

**8006 Zurich** 

Region

**Schweiz/Suisse/Svizzera > Zürich > Zürich**

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**



### IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

 United Kingdom

Net EU contribution

**€ 0,00**

Address

**South kensington campus exhibition road  
SW7 2AZ 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

**No data**

**Last update:** 24 May 2023

**Permalink:** <https://cordis.europa.eu/project/id/101095387>

European Union, 2024

# Imminent Disease Prediction and Prevention at the Environment Host Interface


## Fact Sheet

### Project Information

**IMMEDIATE**

Grant agreement ID: 101095540

**DOI**

[10.3030/101095540](https://doi.org/10.3030/101095540) 

**EC signature date**

25 November 2022

**Start date**

1 January 2023

**End date**

31 December 2026

**Funded under**

Health

**Total cost**

€ 6 221 606,25

**EU contribution**

€ 6 221 606,25

**Coordinated by**

CHARITE -  
UNIVERSITAETSMEDIZIN  
BERLIN

 Germany

## Project description

### Predicting the evolution of inflammation to disease

Chronic inflammation is the culprit of many diseases, as it causes organ damage silently. The identification of biomarkers that can predict inflammation before any symptoms occur and provide risk stratification to disease onset, would be greatly advantageous. Towards this goal, the EU-funded IMMEDIATE project aims to identify clinical and omics-based biomarkers to generate a disease progression risk/resilience score. The work will focus on the role of gut microbiota metabolites in immune system function and inflammation. Moreover, researchers will investigate the

outcome on health and well-being of modulating gut microbiota through probiotics. Results will lay the foundation for a healthier lifestyle.

## Fields of science

[medical and health sciences](#) > [health sciences](#) > **[nutrition](#)**

[engineering and technology](#) > [electrical engineering, electronic engineering, information engineering](#) > [electronic engineering](#) > **[sensors](#)**

## Keywords

[Cardiovascular disease](#)

[Chronic kidney disease](#)

[Type 2 diabetes](#)

[brain damage](#)

[-omics](#)

[metabolomics](#)

[metagenomics](#)

[single-cell RNA-seq](#)

[single-cell ATAC-seq](#)

[digital medicine](#)

[machine learning](#)

## 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

[HORIZON-RIA - HORIZON Research and Innovation Actions](#)

# Coordinator



## CHARITE - UNIVERSITAETSMEDIZIN BERLIN

Net EU contribution

€ 1 586 466,25

Address

Chariteplatz 1

10117 Berlin

 Germany 

Region

Berlin > Berlin > Berlin

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 (11)

---



## MAX DELBRUECK CENTRUM FUER MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT (MDC)

 Germany

Net EU contribution

€ 1 081 207,50

Address

Robert rossle strasse 10

13125 Berlin 

Region

Berlin > Berlin > Berlin

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## WEIZMANN INSTITUTE OF SCIENCE

 Israel

Net EU contribution

€ 1 600 003,75

Address

**Herzl street 234**

**7610001 Rehovot** 

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

---



## SANPROBI SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA SPOLKA KOMANDYTOWA

 Poland

Net EU contribution

€ 392 625,00

Address

**Ul. kurza stopka, nr 5, lok. c**

**70-535 Szczecin** 

SME 

**Yes**

Region



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**



## ZADIG SRL

 Italy

Net EU contribution

**€ 415 375,00**

Address

**Via ampere andrea maria 59**

**20131 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

**€ 0,00**




## EURICE EUROPEAN RESEARCH AND PROJECT OFFICE GMBH

 Germany

Net EU contribution

**€ 272 500,00**

Address

**Heinrich-hertz-allee 1**  
**66386 St ingbert** 

SME 

**Yes**

Region

**Saarland > Saarland > Saarpfalz-Kreis**

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**

---

 **THIRD-PARTY** 

## **RESEARCH AND INNOVATION SERVICES DOO ZA USLUGE**

 Croatia

Net EU contribution

**€ 211 700,00**

Address

**Borongajska cesta 83h**  
**10000 Zagreb** 

SME 

**Yes**

Region

**Hrvatska > Grad Zagreb > Grad Zagreb**

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**



## THE AKKERMANSIA COMPANY

 Belgium

Net EU contribution

**€ 218 687,50**

Address

**Rue granbonpre 11**  
**1435 Mont saint guibert** 

SME 

**Yes**

Region

**Région wallonne > Prov. Brabant Wallon > Arr. Nivelles**

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**




## UNIVERSITATSKLINIKUM ERLANGEN

 Germany

Net EU contribution

**€ 92 923,75**

Address

**Maximiliansplatz 2**  
**91054 Erlangen** 

Region

**Bayern > Mittelfranken > Erlangen, Kreisfreie Stadt**

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

Other funding

€ 0,00

---



## UNIVERSITAETSKLINIKUM ESSEN

 Germany

Net EU contribution

€ 90 930,00

Address

**Hufelandstrasse 55**

**45147 Essen** 

Region

**Nordrhein-Westfalen > Düsseldorf > Essen, 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

---



## POMORSKI UNIWERSYTET MEDYCZNY W SZCZECINIE

 Poland

Net EU contribution

€ 239 187,50

Address

**Rybacka 1**

**70-204 Szczecin** 

Region

**Makroregion północno-zachodni > Zachodniopomorskie > Miasto Szczecin**

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



## BUNDESVERBAND NIERE E.V.

 Germany

Net EU contribution

€ 20 000,00

Address

**Essenheimer str. 126**

**55128 Mainz** 

Region

**Rheinland-Pfalz > Rheinhessen-Pfalz > Mainz, Kreisfreie Stadt**

Activity type

**Other**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

## Partners (1)



## IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

 United Kingdom

Net EU contribution

€ 0,00

Address

South kensington campus exhibition road  
SW7 2AZ 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

**No data**

**Last update:** 29 November 2022

**Permalink:** <https://cordis.europa.eu/project/id/101095540>

European Union, 2024

# Real-world evidence for decisions in diabetes

## Fact Sheet

### Project Information

#### REDDIE

Grant agreement ID: 101095556

#### DOI

[10.3030/101095556](https://doi.org/10.3030/101095556) 

#### EC signature date

22 November 2022

#### Start date

1 January 2023

#### End date

31 December 2026

#### Funded under

Health

#### Total cost

€ 4 813 833,75

#### EU contribution

€ 4 788 833,75

#### Coordinated by

MEDIZINISCHE UNIVERSITÄT

GRAZ

 Austria

## Project description

### Diabetes management: moving towards real-world data

Clinical trials are considered the gold standard for investigating the safety and efficacy of drugs or therapeutic interventions. However, real-world data (RWD) which are routinely collected from a variety of sources such as devices, wearables and electronic health records, are gaining ground. The EU-funded REDDIE project aims to support the use of RWD for the management of diabetes mellitus, a chronic disorder that affects millions of people worldwide. The consortium will use data from national registries to assess the outcome of specific interventions. Moreover, it will establish standards for accepting and implementing RWD in the process of

evaluating medicines and other interventions for the prevention and treatment of diabetes.

## Fields of science

[medical and health sciences](#) > [clinical medicine](#) > [endocrinology](#) > **[diabetes](#)**

[natural sciences](#) > [computer and information sciences](#) > [artificial intelligence](#) > **[machine learning](#)**

## Keywords

[Real world data](#)

[Diabetes mellitus](#)

[Methodological standards](#)

[Health regulatory bodies](#)

[Health Technology Assessment](#)

## Programme(s)

[HORIZON.2.1 - Health](#)

MAIN PROGRAMME

[HORIZON.2.1.5 - Tools, Technologies and Digital Solutions for Health and Care, including personalised medicine](#)

## Topic(s)

[HORIZON-HLTH-2022-TOOL-11-02 - New methods for the effective use of real-world data and/or synthetic data in regulatory decision-making and/or in health technology assessment](#)

## Call for proposal

[HORIZON-HLTH-2022-TOOL-11](#)

[See other projects for this call](#)

## Funding Scheme

[HORIZON-RIA - HORIZON Research and Innovation Actions](#)

## Coordinator





## MEDIZINISCHE UNIVERSITAT GRAZ

Net EU contribution

€ 943 750,00

Address

**Neue stiftingtalstrasse 6**

**8010 Graz**

 **Austria** 

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](#) 

Other funding

€ 0,00

## Participants (9)

---



## LAEGEMIDDELSTYRELSEN

 **Denmark**

Net EU contribution

€ 352 500,00

Address

**Axel heides gade 1**

**2300 Kobenhavn s** 

Region

**Danmark > Hovedstaden > Byen København**

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

---




## EURICE EUROPEAN RESEARCH AND PROJECT OFFICE GMBH

 Germany

Net EU contribution

€ 276 000,00

Address

Heinrich-hertz-allee 1  
66386 St ingbert 

SME 

Yes

Region

Saarland > Saarland > Saarpfalz-Kreis

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

---

 THIRD-PARTY 

## RESEARCH AND INNOVATION SERVICES DOO ZA USLUGE

 Croatia

Net EU contribution

€ 203 875,00

Address

Borongajska cesta 83h  
10000 Zagreb 

SME 

Yes

Region

**Hrvatska > Grad Zagreb > Grad Zagreb**

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 HOVEDSTADEN**

 Denmark

Net EU contribution

**€ 963 750,00**

Address

**Kongens vaenge 2**

**3400 Hillerod** 

Region

**Danmark > Hovedstaden > Nordsjælland**

Activity type

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

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 25 000,00**

---



## **NOVO NORDISK A/S**

 Denmark

Net EU contribution

**€ 150 000,00**

Address

**Novo alle 1**  
**2880 Bagsvaerd** 





Region

**Danmark > Hovedstaden > Københavns omegn**

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**

---



## UNIVERSITA DEGLI STUDI DI PADOVA

 Italy

Net EU contribution

**€ 749 880,00**

Address

**Via 8 febbraio 2**  
**35122 Padova** 





Region

**Nord-Est > Veneto > Padova**

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**

---



## GOETEBORGS UNIVERSITET

 Sweden

Net EU contribution

€ 522 188,75

Address

**Vasaparken**

**405 30 Goeteborg** 

Region

**Södra Sverige > Västsverige > Västra Götalands 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



## STICHTING RADBOUD UNIVERSITAIR MEDISCH CENTRUM

 Netherlands

Net EU contribution

€ 100 000,00

Address

**Geert grooteplein 10 zuid**

**6525 GA Nijmegen** 

Region

**Oost-Nederland > Gelderland > Arnhem/Nijmegen**

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00



## UNIVERSITAET ULM

 Germany

Net EU contribution

**€ 526 890,00**

Address

**Helmholtzstrasse 16**

**89081 Ulm** 

Region

**Baden-Württemberg > Tübingen > Ulm, Stadtkreis**

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**

## Partners (6)

---



### UNIVERSITY OF LEICESTER

 United Kingdom

Net EU contribution

**€ 0,00**

Address

**University road**

**LE1 7RH Leicester** 

Region

**East Midlands (England) > Leicestershire, Rutland and Northamptonshire > Leicester**

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**No data**

---



## IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

 United Kingdom

Net EU contribution

**€ 0,00**

Address

**South kensington campus exhibition road  
SW7 2AZ 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

**No data**

---



## 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

**No data**

---



## THE UNIVERSITY OF MANCHESTER

 United Kingdom

Net EU contribution

**€ 0,00**

Address

**Oxford road**

**M13 9PL Manchester** 

Region

**North West (England) > Greater Manchester > Manchester**

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**No data**

---



## THE UNIVERSITY OF WARWICK

 United Kingdom

Net EU contribution

**€ 0,00**

Address

**Kirby corner road - university house**

**CV4 8UW Coventry** 

Region

**West Midlands (England) > West Midlands > Coventry**



Activity type

## Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**No data**



## JDRF INTERNATIONAL

 United States

Net EU contribution

**€ 0,00**

Address

**26 broadway 14th floor**

**10004 New york** 

Activity type

## Research Organisations

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**

**Last update:** 28 November 2022

**Permalink:** <https://cordis.europa.eu/project/id/101095556>

European Union, 2024

# Health Innovation Next Generation Payment & Pricing Models


## Fact Sheet

### Project Information

#### HI-PRIX

Grant agreement ID: 101095593

#### DOI

[10.3030/101095593](https://doi.org/10.3030/101095593) 

#### EC signature date

11 November 2022

#### Start date

1 January 2023

#### End date

31 December 2025

#### Funded under

Health

#### Total cost

€ 3 962 457,50

#### EU contribution

€ 3 962 457,50

#### Coordinated by

UNIVERSITA COMMERCIALE

LUIGI BOCCONI

 Italy

## Project description

### New pricing and payment schemes for health innovation

The variety of innovative technologies in healthcare delivery needs several pricing and payment models adapted in their design and implementation. However, the lack of appropriate data infrastructure, legal barriers, and unwillingness to adapt current systems often impede their use. The EU-funded HI-PRIX project will map and formulate new pricing and payment schemes to use across technology classes, therapeutic areas, settings, and healthcare systems/geographies and related principles to guide successful adjustment and flexible implementation. The project will investigate the impact on competitiveness, innovation, equity, and affordability of a pipeline of contracting modalities for health innovations and address the challenges

and concerns of payers, manufacturers, healthcare professionals, and patients about different pricing models.

## Fields of science

[social sciences](#) > [economics and business](#) > [economics](#) > [health economics](#)

## Keywords

[pricing models](#)

[payment schemes](#)

[innovation](#)

[affordable healthcare system](#)

[competitive life science industry](#)

## Programme(s)

[HORIZON.2.1 - Health](#)

MAIN PROGRAMME

[HORIZON.2.1.5 - Tools, Technologies and Digital Solutions for Health and Care, including personalised medicine](#)

## Topic(s)

[HORIZON-HLTH-2022-IND-13-03 - New pricing and payment models for cost-effective and affordable health innovations](#)

## Call for proposal

[HORIZON-HLTH-2022-IND-13](#)

[See other projects for this call](#)

## Funding Scheme

[HORIZON-RIA - HORIZON Research and Innovation Actions](#)

## Coordinator



## UNIVERSITA COMMERCIALE LUIGI BOCCONI

Net EU contribution

€ 1 241 307,50

Address

**Via sarfatti 25**

**20136 Milano**

 **Italy** 

Region

**Nord-Ovest > Lombardia > Milano**

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 (11)

---



## UNIVERSITAET HAMBURG

 **Germany**

Net EU contribution

€ 453 812,50

Address

**Mittelweg 177**

**20148 Hamburg** 

Region

**Hamburg > Hamburg > Hamburg**

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

---



## HTA AUSTRIA - AUSTRIAN INSTITUTE FOR HEALTH TECHNOLOGY ASSESSMENT GMBH

 Austria

Net EU contribution

€ 318 087,50

Address

Garnisongasse 7/20

1090 Wien 

Region

Ostösterreich > Wien > Wien

Activity type

Research Organisations

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## ESCUELA ANDALUZA DE SALUD PUBLICA SA

 Spain

Net EU contribution

€ 292 976,25

Address

Cuesta del observatorio campus universitario de cartuja 4

18011 Granada 

Region

Sur > Andalucía > Granada

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

---



## UNIVERSITE LIBRE DE BRUXELLES

 Belgium

Net EU contribution

€ 212 797,50

Address

**Avenue franklin roosevelt 50**  
**1050 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

**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

 Spain

Net EU contribution

€ 162 387,50

Address

**Carrer rossello 149**  
**08036 Barcelona** 

Region

**Este > Cataluña > Barcelona**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**

---

 **THIRD-PARTY** 

## **HOSPITAL CLINIC DE BARCELONA**

 Spain

Net EU contribution

**€ 68 912,50**

Address

**Calle villarroel 170**

**08036 Barcelona** 

Region

**Este > Cataluña > Barcelona**

Activity type

**Research Organisations**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**




## **ERASMUS UNIVERSITEIT ROTTERDAM**

 Netherlands

Net EU contribution

**€ 420 375,00**

Address

**Burgemeester oudlaan 50**  
3062 PA 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**

---



## **UNIVERSIDADE NOVA DE LISBOA**

 Portugal

Net EU contribution

**€ 291 801,25**

Address

**Campus de campolide**

1099 085 Lisboa 

Region

**Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa**

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**

---



## **ECOLE D'ECONOMIE DE PARIS**

 France

Net EU contribution



€ 273 250,00

Address

**Boulevard Jourdan 48**  
**75014 Paris** 

SME 

**Yes**

Region

**Ile-de-France > Ile-de-France > Paris**

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



## VILNIAUS UNIVERSITETAS

 Lithuania

Net EU contribution

€ 89 377,50

Address

**Universiteto g. 3**  
**01513 Vilnius** 

Region

**Lietuva > Sostinės regionas > Vilniaus apskritis**

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



## FUNDACION PUBLICA ANDALUZA PROGRESO Y SALUD M.P.

Spain

Net EU contribution

€ 137 372,50

Address

**Avenida americano vespucio 15 edif s2**  
**41092 Sevilla**

Region

**Sur > Andalucía > Sevilla**

Activity type

**Research Organisations**

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Other funding

€ 0,00

## Partners (6)



## AGENZIA ITALIANA DEL FARMACO

Italy

Net EU contribution

€ 0,00

Address

**Via del tritone 181**  
**00187 Roma**

Region

**Centro (IT) > Lazio > Roma**

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

---




## INFARMED - AUTORIDADE NACIONAL DO MEDICAMENTO E PRODUTOS DA SAUDE IP

 Portugal

Net EU contribution

€ 0,00

Address

**Avenida do brasil 53**  
**1749 004 Lisboa** 

Region

**Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa**

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

---



## SERVEI CATALA DE LA SALUT

 Spain

Net EU contribution

€ 0,00

Address

**Cl travessera de les corts 129 151 edifici olimpia**  
**08028 Barcelona** 

Region

**Este > Cataluña > Barcelona**

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**



## THE OFFICE OF HEALTH ECONOMICS

 United Kingdom

Net EU contribution

**€ 0,00**

Address

**2nd floor goldings house hay s galleria 2 hay s la  
SE1 2HB London** 

Region

**London > Inner London — East > Lewisham and Southwark**

Activity type

**Research Organisations**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**No data**



## IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

 United Kingdom

Net EU contribution

**€ 0,00**

Address

South kensington campus exhibition road  
SW7 2AZ 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

No data



## LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE

 United Kingdom

Net EU contribution

€ 0,00

Address

Houghton street 1  
WC2A 2AE 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

No data

**Last update:** 17 November 2022

**Permalink:** <https://cordis.europa.eu/project/id/101095593>



# AcceleRating the Translation of virtual twins towards a pERsonalised Management of fatty llver patients

## Fact Sheet

### Project Information

#### ARTEMIS

Grant agreement ID: 101136299

#### EC signature date

7 December 2023

#### Start date

1 January 2024

#### End date

31 December 2027

#### Funded under

Health

#### Total cost

€ 9 365 096,00

#### EU contribution

€ 9 365 095,00

#### Coordinated by

MATICAL INNOVATION SL



Spain

## Objective

The ARTEMIS project aims to consolidate existing computational mechanistic and machine-learning models at different scales to deliver 'virtual twins' embedded in a clinical decision support system (CDSS). The CDSS will provide clinically meaningful information to clinicians, for a more personalised management of the whole spectrum of Metabolic Associated Fatty Liver Disease (MAFLD). MAFLD, with an estimated prevalence of about 25%, goes from an undetected sleeping disease, to inflammation (hepatitis), to fibrosis development (cirrhosis) and/or hepatocellular carcinoma (HCC), decompensated cirrhosis and HCC being the final stages of the disease. However, many MAFLD patients do not die from the liver disease itself, but from cardiovascular comorbidities or complications.

The ARTEMIs will contribute to the earlier management of MAFLD patients, by prognosing the development of more advanced forms of the disease and cardiovascular comorbidities, promoting active surveillance of patients at risk. The system will predict the impact of novel drug treatments or procedures, or simply better life habits. The system will therefore not only serve as a clinical decision aid tool, but also as an educational tool for patients, to promote better nutritional and lifestyle behaviors.

In more advanced forms of the disease, therapeutic interventions include TIPPS to manage portal hypertension, partial hepatectomy, partial or complete liver transplant. ARTEMIs will contribute to predict per- or post-intervention heart failure, building on existing microcirculation hemodynamics models.

The model developers will benefit from a large distributed patient cohort and data exploration environment to identify patterns in data, draw new theories on the liver-heart metabolic axis and validate the performance of their models.

The project includes a proof-of-concept feasibility study assessing the utility of the integrated virtual twins and CDSS in the clinical context.

## Fields of science

[medical and health sciences](#) > [health sciences](#) > [infectious diseases](#)

[medical and health sciences](#) > [clinical medicine](#) > [hepatology](#)

[medical and health sciences](#) > [clinical medicine](#) > [cardiology](#)

## Keywords

[Virtual Twin](#)

[personalised medicine](#)

[liver-heart axis](#)

[metabolic dysfunction-associated fatty liver disease MAFLD](#)

[chronic liver disease progression](#)

[fibrosis](#)

[cirrhosis](#)

[cardiovascular events](#)

## Programme(s)

[HORIZON.2.1 - Health](#)

MAIN PROGRAMME

[HORIZON.2.1.5 - Tools, Technologies and Digital Solutions for Health and Care, including personalised medicine](#)

## Topic(s)



## Call for proposal

### [HORIZON-HLTH-2023-TOOL-05](#)

[See other projects for this call](#)

## Funding Scheme

[HORIZON-RIA - HORIZON Research and Innovation Actions](#)

## Coordinator



### MATICAL INNOVATION SL

Net EU contribution

€ 477 125,00

Address

Avda juan carlos i 26 2c

45600 Talavera de la reina toledo

 Spain 

SME 

Yes

Region

**Centro (ES) > Castilla-La Mancha > Toledo**

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

## Participants (18)



## FONDATION CARDIOMETABOLISME NUTRITION

 France

Net EU contribution

**€ 475 000,00**

Address

**Boulevard de l'hopital 47-83**

**75013 Paris** 

Region

**Ile-de-France > Ile-de-France > Paris**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**



## ASSISTANCE PUBLIQUE HOPITAUX DE PARIS

 France

Net EU contribution

**€ 424 937,00**

Address

**55 boulevard diderot**

**75012 Paris** 

Region

**Ile-de-France > Ile-de-France > Val-de-Marne**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,50

---



## UNIVERSITÄTSKLINIKUM JENA

 Germany

Net EU contribution

€ 678 505,00

Address

**Kastanienstr.1**  
**07747 Jena** 

Region

**Thüringen > Thüringen > Jena, 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

---



## FUNDACIO HOSPITAL UNIVERSITARI VALL D'HEBRON - INSTITUT DE RECERCA

 Spain

Net EU contribution

€ 724 000,00

Address

**Passeig vall d hebron 119-129 edificio de recerca**  
**08035 Barcelona** 

Region

**Este > Cataluña > Barcelona**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## UNIVERSITATSKLINIKUM HEIDELBERG

 Germany

Net EU contribution

€ 395 250,00

Address

**Im neuenheimer feld 672**

**69120 Heidelberg** 

Region

**Baden-Württemberg > Karlsruhe > Heidelberg, Stadtkreis**

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

---



## CLINIQUES UNIVERSITAIRES SAINT-LUC ASBL

 Belgium

Net EU contribution

€ 296 500,00

Address

**Avenue hippocrate 10**

**1200 Bruxelles / brussel** 

Region

Activity type

**Other**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**



## MEDICAL RESEARCH INFRASTRUCTURE DEVELOPMENT AND HEALTH SERVICES FUND BY THE SHEBA MEDICAL CENTER

 Israel

Net EU contribution

**€ 66 000,00**

Address

**Tel hashomer sheba medical center**

**52621 Ramat gan** 

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**



## FUNDACION PARA LA INVESTIGACION DEL HOSPITAL UNIVERSITARIO LA FE DE LA COMUNIDAD VALENCIANA

 Spain

Net EU contribution

**€ 300 875,00**

Address

Av fernando abril martorell 106

46026 Valencia 

Region

**Este > Comunitat Valenciana > Valencia/València**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**



**CHARITE - UNIVERSITAETSMEDIZIN BERLIN**

 Germany

Net EU contribution

**€ 296 500,00**

Address

**Chariteplatz 1**

**10117 Berlin** 

Region

**Berlin > Berlin > Berlin**

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**



**UNIVERSITA DEGLI STUDI DI ROMA LA SAPIENZA**

 Italy

Net EU contribution

€ 151 722,00

Address

**Piazzale aldo moro 5**  
**00185 Roma** 

Region

**Centro (IT) > Lazio > Roma**

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,50



## MEDIZINISCHE UNIVERSITAET WIEN

 Austria

Net EU contribution

€ 353 750,00

Address

**Spitalgasse 23**  
**1090 Wien** 

Region

**Ostösterreich > Wien > Wien**

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




## INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET AUTOMATIQUE

 France

Net EU contribution

€ 1 216 250,00

Address

**Domaine de voluceau rocquencourt**  
78153 Le chesnay cedex 

Region

**Ile-de-France > Ile-de-France > Yvelines**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00



## **DEUTSCHES KREBSFORSCHUNGSZENTRUM HEIDELBERG**

 Germany

Net EU contribution

€ 920 586,00

Address

**Im neuenheimer feld 280**  
69120 Heidelberg 

Region

**Baden-Württemberg > Karlsruhe > Heidelberg, Stadtkreis**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00





## ALBERT-LUDWIGS-UNIVERSITAET FREIBURG

Germany

Net EU contribution

**€ 501 000,00**

Address

**Fahnenbergplatz**

**79098 Freiburg**

Region

**Baden-Württemberg > Freiburg > Freiburg im Breisgau, Stadtkreis**

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**



## UNIVERSITAET LEIPZIG

Germany

Net EU contribution

**€ 766 595,00**

Address

**Ritterstrasse 26**

**04109 Leipzig**

Region

**Sachsen > Leipzig > Leipzig**

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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## MEDEXPRIM

 France

Net EU contribution

€ 936 500,00

Address

815 la pyreneenne

31670 Labege 

SME 

Yes

Region

Occitanie > Midi-Pyrénées > Haute-Garonne

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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## EUROPEAN LIVER PATIENTS ASSOCIATION

 Belgium

Net EU contribution

€ 199 000,00

Address

Place du champs de mars 5

1050 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](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**



**BETTHERA S.R.O.**

 Czechia

Net EU contribution

**€ 185 000,00**

Address

**Medkova 1590/32**

**500 02 Hradec kralove** 

SME 

**Yes**

Region

**Česko > Severovýchod > Královéhradecký kraj**

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**

## Partners (2)



**BOURNEMOUTH UNIVERSITY**

 United Kingdom

Net EU contribution

€ 0,00

Address

**Fern barrow bournemouth university**  
**BH12 5BB Poole** 

Region

**South West (England) > Dorset and Somerset > Bournemouth**

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**No data**



## **IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE**

 United Kingdom

Net EU contribution

€ 0,00

Address

**South kensington campus exhibition road**  
**SW7 2AZ 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

**No data**

**Last update:** 8 January 2024

**Permalink:** <https://cordis.europa.eu/project/id/101136299>

European Union, 2024

# Understanding how endocrine disruptors and chemical mixtures of concern target the immune system to trigger or perpetuate disease

## Fact Sheet

### Project Information

#### ENDOMIX

Grant agreement ID: 101136566

#### EC signature date

13 November 2023

#### Start date

1 January 2024

#### End date

31 December 2027

#### Funded under

Health

#### Total cost

€ 6 488 875,00

#### EU contribution

€ 6 488 875,00

#### Coordinated by

HELMHOLTZ-ZENTRUM FÜR  
UMWELTFORSCHUNG GMBH -  
UFZ



Germany

## Objective

The ENDOMIX project addresses the urgent need to understand the true impact of endocrine disrupting chemicals (EDCs) on human health in order to inform regulators and advise citizens. ENDOMIX will tackle this challenge by revealing associations and causality between EDCs and adverse health outcomes by focusing on exposure to multiple EDCs during life course including windows of susceptibility and making use of already existing robust data from multiple European cohorts. Modelling how real-life EDC mixtures target the immune system to initiate, trigger or perpetuate

diseases combined with high throughput bioassays will reveal health-relevant mixtures of concern whose impact will be studied using ground-breaking methodology while delivering valuable information on mechanistic pathways and transgenerational impact of exposure to EDCs. This strategy will lead to the identification of biomarkers and patterns of exposure that are easy to measure, available for big sample sizes, and indicative of health endpoints. Finally, we will provide evidence synthesis of in vitro, in silico and in vivo data for strengthening causal inference and use a weight of evidence approach to generate artificial intelligence-assisted knowledge graphs.

This unique loop approach with a novel focus on the immune system as EDC target is only made possible by the consortium's interdisciplinary expertise and extensive access to existing data and biosamples as well as a meticulous study design. The knowledge generated by this consortium will be disseminated to the scientific community provide a thorough new evidence base for policy making and will reach citizens of all ages to raise awareness about the risks of EDC exposure and promote health-preserving behaviour. Hence, the outcomes of ENDOMIX do not only provide essential new knowledge and understanding but also and have far-reaching implications for the health and well-being of society, including significant savings in European health care systems.

## Fields of science

[natural sciences](#) > [computer and information sciences](#) > [knowledge engineering](#)

[medical and health sciences](#) > [basic medicine](#) > [immunology](#)

## Keywords

[Endocrine disrupting chemicals](#)

[mixtures](#)

[immune system](#)

[cohort studies](#)

[target organs](#)

[immunotoxicity](#)

[placenta](#)

[organoids](#)

[organ systems](#)

[immune-mediated pathologies](#)

[toxicity modelling](#)

[bioassays](#)

## Programme(s)

[HORIZON.2.1 - Health](#)

MAIN PROGRAMME

[HORIZON.2.1.1 - Health throughout the Life Course](#)

[HORIZON.2.1.2 - Environmental and Social Health Determinants](#)

## Topic(s)

[HORIZON-HLTH-2023-ENVHLTH-02-03 - Health impacts of endocrine-disrupting chemicals: bridging science-policy gaps by addressing persistent scientific uncertainties](#)

## Call for proposal

[HORIZON-HLTH-2023-ENVHLTH-02](#)

[See other projects for this call](#)

## Funding Scheme

[HORIZON-RIA - HORIZON Research and Innovation Actions](#)

## Coordinator



**HELMHOLTZ-ZENTRUM FUR UMWELTFORSCHUNG GMBH - UFZ**

Net EU contribution

€ 1 598 947,50

Address

**Permoserstrasse 15**

**04318 Leipzig**

 **Germany** 

Region

**Sachsen > Leipzig > Leipzig**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

## Participants (9)





## INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE

 France

Net EU contribution

**€ 659 540,00**

Address

**Rue de tolbiac 101**

**75654 Paris** 

Region

**Ile-de-France > Ile-de-France > Paris**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**



## FUNDACION PRIVADA INSTITUTO DE SALUD GLOBAL BARCELONA

 Spain

Net EU contribution

**€ 509 448,75**

Address

**C rossello 132 planta 05**

**08036 Barcelona** 

Region

**Este > Cataluña > Barcelona**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---

 THIRD-PARTY 


## FUNDACION PARA EL FOMENTO DE LA INVESTIGACION SANITARIA Y BIOMEDICA DE LA COMUNITAT VALENCIANA

 Spain

Net EU contribution

€ 32 250,00

Address

**Calle micer masco 31**  
**46010 Valencia** 

Region

**Este > Comunitat Valenciana > Valencia/València**

Activity type

**Research Organisations**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## UNIVERSITEIT UTRECHT

 Netherlands

Net EU contribution

€ 994 466,25

Address

**Heidelberglaan 8**  
**3584 CS Utrecht** 

Region

**West-Nederland > Utrecht > Utrecht**

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

---



## ERASMUS UNIVERSITAIR MEDISCH CENTRUM ROTTERDAM

 Netherlands

Net EU contribution

€ 1 055 625,00

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

---



## BUNDESINSTITUT FUER RISIKOBEWERTUNG

 Germany

Net EU contribution

€ 253 125,00

Address

**Max dohrn strasse 8-10**  
**10589 Berlin** 

Region

**Berlin > Berlin > Berlin**

Activity type

## Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## Masarykova univerzita

 Czechia

Net EU contribution

€ 433 750,00

Address

Zerotinovo namesti 9

601 77 Brno 

Region

Česko > Jihovýchod > Jihomoravský kraj

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

---



## FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV

 Germany

Net EU contribution

€ 519 222,50

Address

Hansastraße 27c  
80686 München 

Region

**Bayern > Oberbayern > München, Kreisfreie Stadt**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 


[HORIZON collaboration network](#) 

Other funding

**€ 0,00**



## **EIBIR GEMEINNUTZIGE GMBH ZUR FORDERUNG DER ERFORSCHUNG DER BIOMEDIZINISCHEN BILDGEBUNG**

 Austria

Net EU contribution

**€ 432 500,00**

Address

**Am gestade 1**  
1010 Wien 

Region

**Ostösterreich > Wien > Wien**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**

## **Partners (1)**



## IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

 United Kingdom

Net EU contribution

**€ 0,00**

Address

**South kensington campus exhibition road**

**SW7 2AZ 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

**No data**

**Last update:** 17 January 2024

**Permalink:** <https://cordis.europa.eu/project/id/101136566>

European Union, 2024

# Antivirus Pandemic Preparedness EuropeAn pLatform

## Fact Sheet

### Project Information

#### APPEAL

Grant agreement ID: 101137311

#### EC signature date

13 December 2023

#### Start date

1 January 2024

#### End date

31 December 2028

#### Funded under

Health

#### Total cost

€ 7 565 673,75

#### EU contribution

€ 7 565 673,75

#### Coordinated by

UNIVERSITÄTSKLINIKUM JENA

 Germany

## Objective

Developing new antiviral treatment against viruses and particularly high-priority emerging and re-emerging viruses as listed by the WHO, remains crucial as, among other aspects, the viruses evolve under selection. Broad spectrum host-directed antiviral drugs (HDA) are promising therapeutic options, however the robust identification of relevant host factors by genome-wide knockout screens is challenging due to low consistency in the resulting hits. Our project aims to (1) establish a computational and experimental pipeline to identify and validate an antiviral for these viruses, and (2) identify at least one broad spectrum antiviral drug against potential emerging and re-emerging viruses as listed by the WHO. To address these, we will implement a drug selection pipeline following several strategies: We will employ (i) machine learning, based on data from knockout screens, proteomics, protein interaction, transcriptomics of infected cells with

pandemic-related viruses, Genome-Wide Association Studies, and generic gene descriptors, (ii) High Density Cell Arrays, which provide much more detailed readouts compared to state of the art pooled knockout screens, (iii) primary cell cultures obtained from a diverse array of human tissues, as they are more appropriate to study the host cell physiology during infection, compared to cancer cell lines, and (iv) use the pipeline to identify host restriction factors, which, when activated, challenge the virus; followed by innovative drug development and delivery based on small activating RNA. The pipeline comprises an Expedited Arm for which broad spectrum antiviral drugs for repurposing will be selected followed by in vitro and in vivo efficacy testing, and a clinical trial as a proof of concept. The elaborated Arm includes all strategies (i)-(iv) and will provide a sustainable pandemic preparedness pipeline ready-to-operate to identify the appropriate treatment against the emerging virus at the early time of a new outbreak.

## Fields of science

[medical and health sciences](#) > [basic medicine](#) > [pharmacology and pharmacy](#) > **[drug discovery](#)**

[natural sciences](#) > [biological sciences](#) > [microbiology](#) > **[virology](#)**

[medical and health sciences](#) > [health sciences](#) > [public health](#) > [epidemiology](#) > **[pandemics](#)**

[medical and health sciences](#) > [basic medicine](#) > **[physiology](#)**

[medical and health sciences](#) > [basic medicine](#) > [pharmacology and pharmacy](#) > [pharmaceutical drugs](#) > **[antivirals](#)**

## Keywords

[novel Platform for developing Broad spectrum antivirals \(BSA\)](#)

[machine learning](#)

[host dependency factor](#)

[host restriction factor](#)

[cell arrays](#)

[Crispr](#)

[Cas9 screening](#)

## Programme(s)

[HORIZON.2.1 - Health](#)

MAIN PROGRAMME

[HORIZON.2.1.4 - Infectious Diseases, including poverty-related and neglected diseases](#)

## Topic(s)



## Call for proposal

[HORIZON-HLTH-2023-DISEASE-03](#)

[See other projects for this call](#)

## Funding Scheme

[HORIZON-RIA - HORIZON Research and Innovation Actions](#)

## Coordinator



### UNIVERSITÄTSKLINIKUM JENA

Net EU contribution

€ 1 714 516,25

Address

Kastanienstr.1

07747 Jena

 Germany 

Region

Thüringen > Thüringen > Jena, 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

## Participants (11)



## JOHANN WOLFGANG GOETHE-UNIVERSITAET FRANKFURT AM MAIN

Germany

Net EU contribution

**€ 623 971,25**

Address

**Theodor w adorno platz 1**

**60323 Frankfurt am main**

Region

**Hessen > Darmstadt > Frankfurt am Main, 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**



## RUPRECHT-KARLS-UNIVERSITAET HEIDELBERG

Germany

Net EU contribution

**€ 797 125,00**

Address

**Seminarstrasse 2**

**69117 Heidelberg**

Region

**Baden-Württemberg > Karlsruhe > Heidelberg, Stadtkreis**

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

---



## UNIVERSITÄTSMEDIZIN GREIFSWALD KORPERSCHAFT DES OFFENTLICHEN RECHTS

 Germany

Net EU contribution

€ 337 588,75

Address

**Fleischmannstrasse 8**  
**17489 Greifswald** 

Region

**Mecklenburg-Vorpommern > Mecklenburg-Vorpommern > Vorpommern-Greifswald**

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS

 France

Net EU contribution

€ 716 915,00

Address

**Rue michel ange 3**  
**75794 Paris** 

Region

**Ile-de-France > Ile-de-France > Paris**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---




## EUROPEAN RESEARCH INFRASTRUCTURE ON HIGHLY PATHOGENIC AGENTS

 Belgium

Net EU contribution

€ 46 248,75

Address

**Rue du trone 98/b4**  
**1050 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

**Research Organisations**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---

 **THIRD-PARTY** 

## ERASMUS UNIVERSITAIR MEDISCH CENTRUM ROTTERDAM

 Netherlands

Net EU contribution

€ 486 647,50

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**

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## **INSTITUT PASTEUR**

 France

Net EU contribution

**€ 1 104 730,00**

Address

**Rue du docteur roux 25-28**

**75724 Paris** 

Region

**Ile-de-France > Ile-de-France > Paris**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**

---



## **ECRIN EUROPEAN CLINICAL RESEARCH INFRASTRUCTURE NETWORK**

 France

Net EU contribution

**€ 54 375,00**

Address

30 bd saint-jacques batiment b  
75014 Paris 

Region

Ile-de-France > Ile-de-France > Paris

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

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## MATTEK IN VITRO LIFE SCIENCE LABORATORIES SRO

 Slovakia

Net EU contribution

€ 663 750,00

Address

**Mlynske nivy 73**

**821 05 Bratislava** 

SME 

Yes

Region

Slovensko > Bratislavský kraj > Bratislavský kraj

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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## ACONDICIONAMIENTO TARRASENSE ASSOCIACION

 Spain

Net EU contribution

**€ 590 431,25**

Address

**Carrer de la innovacio 2**  
**08225 Terrassa** 

Region

**Este > Cataluña > Barcelona**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**€ 0,00**




## **CONSULTECH TECHNOLOGIEBERATUNG GMBH**

 Germany

Net EU contribution

**€ 429 375,00**

Address

**Morgensternstrasse 24**  
**12207 Berlin** 

SME 

**Yes**

Region

**Berlin > Berlin > Berlin**

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

## Partners (1)

---



### IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

 United Kingdom

Net EU contribution

€ 0,00

Address

South kensington campus exhibition road

SW7 2AZ 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

No data

**Last update:** 8 January 2024

**Permalink:** <https://cordis.europa.eu/project/id/101137311>

European Union, 2024



# An Integrated Life-Course Approach for Person-Centred Solutions and Care for Ageing with Multi-morbidity in the European Regions - STAGE; Stay Healthy Through Ageing

## Fact Sheet

### Project Information

#### STAGE

Grant agreement ID: 101137146

#### EC signature date

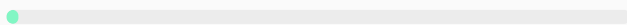
9 December 2023

#### Start date

1 January 2024

#### End date

31 December 2029



Funded under  
Health

#### Total cost

€ 17 760 515,00

#### EU contribution

€ 17 760 512,00

#### Coordinated by

OULUN YLIOPISTO

 Finland

## Objective

STAGE aims to demonstrate the importance and feasibility of a life-course approach to prevent accelerated ageing, as defined by the accumulation of multi-morbidity, and to integrate knowledge into transferable person-centred solutions for early diagnosis and screening, treatment and long-term management of multi-morbidity. To achieve this, STAGE is proposing a life-course approach to better understand ageing with multi-morbidity, providing evidence-based solutions to support the transformation of healthcare to address the profound health and demographic challenges ahead. The

approach capitalises on European collaborations of longitudinal cohorts and biobanks spanning the entire life-course, actioning exposome and disease networks trajectory analysis, as well as, the biology of ageing, to explore how a person develops ageing with multi-morbidity. The project objectives integrate an ethical, social, historical, and infrastructural framework; environmental, epidemiological and biological life-course approaches; artificial intelligence powered integrated person-centred solutions and applications; cohort-based clinical studies; and a FAIR (findable, accessible, interoperable and reusable) life-course health and geospatial data portal with robust management, dissemination, engagement and exploitation activities.

STAGE's evidence-based methods will translate into a person-centred prevention and care intervention in longitudinal cohorts in Finland and Germany, co-designed with citizens, patients, healthcare providers, SMEs, and policymakers. It will also embed social sciences and humanities and engage stakeholders to develop a neighbourhood healthy ageing index, person-centred predictions of multi-morbidity, and healthcare and policy recommendations. Ultimately, STAGE will create solutions for agile, high-quality, person-centred health and care services that are life-course and gender sensitive, needs-based, and designed to enhance resilience and participation.

## Fields of science

[natural sciences](#) > [computer and information sciences](#) > [artificial intelligence](#)

[humanities](#)

## Keywords

[Life-course](#)

[Exposome](#)

[Biological Hallmarks](#)

## Programme(s)

[HORIZON.2.1 - Health](#)

MAIN PROGRAMME

[HORIZON.2.1.1 - Health throughout the Life Course](#)

[HORIZON.2.1.6 - Health Care Systems](#)

[HORIZON.2.1.5 - Tools, Technologies and Digital Solutions for Health and Care, including personalised medicine](#)

## Topic(s)

## Call for proposal

[HORIZON-HLTH-2023-STAYHLTH-01](#)

[See other projects for this call](#)

## Funding Scheme

[HORIZON-RIA - HORIZON Research and Innovation Actions](#)

## Coordinator



### OULUN YLIOPISTO

Net EU contribution

€ 4 028 812,00

Address

**Pentti kaiteran katu 1**

**90014 Oulu**

**+ Finland**

Region

**Manner-Suomi > Pohjois- ja Itä-Suomi > Pohjois-Pohjanmaa**

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Other funding

€ 0,50

## Participants (18)



## HELMHOLTZ ZENTRUM MUENCHEN DEUTSCHES FORSCHUNGSZENTRUM FUER GESUNDHEIT UND UMWELT GMBH

 Germany

Net EU contribution

€ 2 420 907,00

Address

**Ingolstadter landstrasse 1**  
**85764 Neuherberg** 

Region

**Bayern > Oberbayern > München, Landkreis**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,50



## ERASMUS UNIVERSITAIR MEDISCH CENTRUM ROTTERDAM

 Netherlands

Net EU contribution

€ 716 630,00

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

---



## UNIVERSITA DEGLI STUDI DI TORINO

 Italy

Net EU contribution

€ 566 500,00

Address

**Via giuseppe verdi 8**

**10124 Torino** 

Region

**Nord-Ovest > Piemonte > Torino**

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

---



## UNIVERSITEIT UTRECHT

 Netherlands

Net EU contribution

€ 713 168,00

Address

**Heidelberglaan 8**

**3584 CS Utrecht** 

Region

**West-Nederland > Utrecht > Utrecht**

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,75

---



## STICHTING VUMC

 Netherlands

Net EU contribution

€ 1 033 875,00

Address

**De boelelaan 1117**  
**1081 HV Amsterdam** 

Region

**West-Nederland > Noord-Holland > Groot-Amsterdam**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## REGION HOVEDSTADEN

 Denmark

Net EU contribution

€ 718 606,00

Address

**Kongens vaenge 2**  
**3400 Hillerod** 

Region

**Danmark > Hovedstaden > Nordsjælland**

Activity type

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

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,25

---



### ACADEMISCH ZIEKENHUIS GRONINGEN

 Netherlands

Net EU contribution

€ 911 000,00

Address

Hanzeplein 1

9713 GZ 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](#) 

Other funding

€ 0,00

---



### UNIVERSITAT DE BARCELONA

 Spain

Net EU contribution

€ 663 000,00

Address

Gran via de les corts catalanes 585

08007 Barcelona 

Region

**Este > Cataluña > Barcelona**

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**

---



## UNIVERSITA DEGLI STUDI DI ROMA TOR VERGATA

 Italy

Net EU contribution

**€ 749 000,00**

Address

**Via cracovia 50**

**00133 Roma** 

Region

**Centro (IT) > Lazio > Roma**

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**

---



## TECHNISCHE UNIVERSITAET MUENCHEN

 Germany

Net EU contribution

**€ 469 490,00**

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**



## UNIVERSITE DE LIEGE

 Belgium

Net EU contribution

**€ 770 125,00**

Address

**Place du 20 aout 7**

**4000 Liege** 

Region

**Région wallonne > Prov. Liège > Arr. Liège**

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**



## RUHR-UNIVERSITAET BOCHUM

 Germany

Net EU contribution

€ 336 750,00

Address

**Universitaetsstrasse 150**  
**44801 Bochum** 

Region

**Nordrhein-Westfalen > Arnsberg > Bochum, 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



**AB.ACUS SRL**

 Italy

Net EU contribution

€ 733 500,00

Address

**Via francesco caracciolo 77**  
**20155 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

€ 0,00



## SRDC YAZILIM ARASTIRMA VE GELISTIRME VE DANISMANLIK TICARET ANONIM SIRKETI

 Türkiye

Net EU contribution

€ 856 700,00

Address

**Silikon bina 1 kat no 14 odtu teknokent cankaya**  
**06800 Ankara** 

SME 

Yes

Region

**Batı Anadolu > Ankara > Ankara**

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



## LIVA HEALTHCARE A/S

 Denmark

Net EU contribution

€ 671 325,00

Address

**Danneskiold-samsoes alle 41**  
**1434 Copenhagen k** 

Region

**Danmark > Hovedstaden > Byen København**

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

---



## WEDO PROJECT INTELLIGENCE MADE EASYSL

 Spain

Net EU contribution

€ 715 062,00

Address

**Calle rossello 248, planta 5, puerta 2**  
**08008 Barcelona** 

SME 

Yes

Region

**Este > Cataluña > Barcelona**

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

€ 0,50

---



## UNIVERSITY OF HAIFA

 Israel

Net EU contribution

€ 428 062,00

Address

**Abba khushy blvd mount carmel**  
**31905 Haifa** 

Activity type

## Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,50

---



### THE EUROPEAN ASSOCIATION FOR THE STUDY OF OBESITY - IRELAND COMPANY LIMITED BY GUARANTEE

 Ireland

Net EU contribution

€ 258 000,00

Address

**Molesworth house 1-2 south frederick street  
D02 N820 Dublin** 

Region

**Ireland > Eastern and Midland > Dublin**

Activity type

**Other**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---

## Partners (3)




### UNIVERSITY OF BRISTOL

 United Kingdom

Net EU contribution

€ 0,00

Address

**Beacon house queens road**  
**BS8 1QU Bristol** 


Region

**South West (England) > Gloucestershire, Wiltshire and Bristol/Bath area > Bristol, City of**

Activity type

**Higher or Secondary Education Establishments**

Links

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

Other funding

**No data**

---



## **IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE**

 United Kingdom

Net EU contribution

**€ 0,00**

Address

**South kensington campus exhibition road**  
**SW7 2AZ 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

**No data**

---



## **BETA TECHNOLOGY LIMITED**

 United Kingdom

Net EU contribution

**€ 0,00**

Address

**Barclay court doncaster carr**  
**DN4 5HZ Doncaster** 

SME 

**Yes**

Region

**Yorkshire and the Humber > South Yorkshire > Barnsley, Doncaster and Rotherham**

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

**No data**

**Last update:** 8 January 2024

**Permalink:** <https://cordis.europa.eu/project/id/101137146>

European Union, 2024

# Obesity: Biological, socioCultural, and environmental risk Trajectories

## Fact Sheet

### Project Information

#### OBCT

Grant agreement ID: 101080250

#### DOI

[10.3030/101080250](https://doi.org/10.3030/101080250) 

#### EC signature date

23 October 2023

#### Start date

1 November 2023

#### End date

31 October 2028

#### Funded under

Health

#### Total cost

€ 8 131 297,50

#### EU contribution

€ 8 131 295,00

#### Coordinated by

STICHTING VUMC

 Netherlands

## Objective

Obesity in Europe disproportionately affects people and communities with a lower socioeconomic position (SEP). Effective preventive approaches require consideration of the complex and dynamic interplay between (SEP-specific) biological, sociocultural and environmental risk factors of obesity across the life course. OBCT provides health professionals, researchers, policy makers and the public with knowledge, maps and tools to support sustainable prevention of obesity, with a particular focus on low SEP communities. To achieve this, we quantify the contribution of biological, sociocultural and built environmental risk factors of obesity risks and the interactions in and across various life stages, and translate the resulting knowledge into practical and effective tools for action. Specifically, OBCT will: 1) Advance the current understanding of obesity risks and predictors, and the role of



SEP across the life-course; 2) Determine the importance of specific obesity-related behaviours to prevent obesity at key life stage transitions; 3) Develop a holistic obesity risk screener for use by the public at large and by health professionals; 4) Provide country-specific estimates of trends obesity; 5) Provide a digital atlas on the obesogenicity of environments; 6) Characterise obesity-related cardiometabolic risk profiles over gender, age and SEP; 7) Develop tailored lifestyle recommendations; 8) Determine the impact of obesity-related policies on inequality; 9) Provide a decision support dashboard for policy makers; 10) Provide co-developed toolboxes to support implementation of policy recommendations in low-SEP communities. OBCT's outputs highlight where and in which domains obesity is to be targeted, and empower the research community, policymakers, health professionals and citizens to adapt and implement policies to reduce obesity risk, thereby helping to prevent obesity - particularly in low SEP communities - throughout Europe.

## Fields of science

[medical and health sciences](#) > [health sciences](#) > [nutrition](#) > **[obesity](#)**

## Keywords

[Obesity](#)

[Socioeconomic position](#)

[Life-course](#)

[Primary prevention](#)

[Policy](#)

[Lifestyle behaviours](#)

[Sociocultural factors](#)

[Obesogenic environments](#)

[Risk screener](#)

[Inequalities](#)

[Co-creation](#)

[Implementation](#)

## Programme(s)

[HORIZON.2.1 - Health](#)

MAIN PROGRAMME

[HORIZON.2.1.1 - Health throughout the Life Course](#)

## Topic(s)

[HORIZON-HLTH-2022-STAYHLTH-01-05-two-stage - Prevention of obesity throughout the life course](#)

## Call for proposal

[HORIZON-HLTH-2022-STAYHLTH-01-two-stage](#)

[See other projects for this call](#)

## Funding Scheme

[HORIZON-RIA - HORIZON Research and Innovation Actions](#)

## Coordinator



### STICHTING VUMC

Net EU contribution

€ 2 974 338,00

Address

De boelelaan 1117

1081 HV Amsterdam

 Netherlands 

Region

West-Nederland > Noord-Holland > Groot-Amsterdam

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,75

## Participants (9)



### ERASMUS UNIVERSITAIR MEDISCH CENTRUM ROTTERDAM

 Netherlands

Net EU contribution

€ 1 060 250,00

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

---



## UNIWERSYTET SWPS

 Poland

Net EU contribution

€ 365 750,00

Address

Ul. chodakowska 19/31

03-815 Warszawa 

Region

Makroregion województwo mazowieckie > Warszawski stołeczny > Miasto Warszawa

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 EUROPEAN ASSOCIATION FOR THE STUDY OF OBESITY - IRELAND COMPANY LIMITED BY GUARANTEE

 Ireland

Net EU contribution

€ 166 625,00

Address

**Molesworth house 1-2 south frederick street**  
**D02 N820 Dublin** 

Region

**Ireland > Eastern and Midland > Dublin**

Activity type

**Other**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00

---



## UNIVERSITETET I OSLO

 Norway

Net EU contribution

€ 816 708,00

Address

**Problemveien 5-7**  
**0313 Oslo** 

Region

**Norge > Oslo og Viken > Oslo**

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,75

---



## REGION HOVEDSTADEN

 Denmark

Net EU contribution

€ 676 063,00

Address

**Kongens vaenge 2**

**3400 Hillerod** 

Region

**Danmark > Hovedstaden > Nordsjælland**

Activity type

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

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,75



## OULUN YLIOPISTO

 Finland

Net EU contribution

€ 691 000,00

Address

**Pentti kaiteran katu 1**

**90014 Oulu** 

Region

**Manner-Suomi > Pohjois- ja Itä-Suomi > Pohjois-Pohjanmaa**

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 EUROPEAN COALITION FOR PEOPLE LIVING WITH OBESITY COMPANY LIMITED BY GUARANTEE

 Ireland

Net EU contribution

€ 90 925,00

Address

101 furry park road, howth road  
D05KD52 Dublin 

Region

Ireland > Eastern and Midland > Dublin

Activity type

**Other**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,00




## UNIVERSIDAD DE ALCALA

 Spain

Net EU contribution

€ 493 636,00

Address

Plaza de san diego  
28801 Alcala de henares/madrid 

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type

**Higher or Secondary Education Establishments**

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

€ 0,25

---



## NORGES IDRETTSHOGSKOLE

 Norway

Net EU contribution

€ 796 000,00

Address

**Sognsveien 220**

**0863 Oslo** 

Region

**Norge > Oslo og Viken > Oslo**

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

## Partners (2)

---



## WORLD OBESITY FEDERATION

 United Kingdom

Net EU contribution

€ 0,00

Address

**5th floor, 38 chancery lane**

**WC2A 1EN London** 

Region

**London > Inner London — West > Camden and City of London**

Activity type

## Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Other funding

**No data**



## IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

 United Kingdom

Net EU contribution

**€ 0,00**

Address

**South kensington campus exhibition road**

**SW7 2AZ 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

**No data**

**Last update:** 3 November 2023

**Permalink:** <https://cordis.europa.eu/project/id/101080250>

European Union, 2024