Objective

HIV-1 is responsible for a global pandemic of 35 million people, and continues to spread at a rate of >2 million new infections/year. It is widely acknowledged that a protective vaccine would be the most effective means to reduce HIV-1 spread and ultimately eliminate the pandemic, while a therapeutic vaccine may help mitigate the clinical course of disease and lead to strategies of viral eradication. However despite 30 years of research, we do not have a vaccine capable of protecting from HIV-1
infection or impacting on disease progression. This in part represents the challenge of identifying immunogens and vaccine modalities with reduced risk of failure in late stage development. To overcome this bottleneck some of the most competitive research groups in vaccine discovery from European public institutions and biotechs from 9 EU countries together with top Australian and Canadian groups and US collaborators, have agreed to join forces in EAVI, providing a pool of international expertise at the highest level. EAVI2020 will provide a platform for the discovery and selection of several new, diverse and novel preventive and/or therapeutic vaccine candidates for HIV/AIDS. Emphasis will be placed on early rapid, iterative, small Experimental medicine (EM) human vaccine studies to select and refine the best immunogens, adjuvants, vectors, homologous and heterologous prime–boost schedules, and determine the impact of host factors such as gender and genetics. Animal models will be used to complement human studies, and to select novel immunization technologies to be advanced to the clinic. To shift the “risk curve” in product development we will develop innovative risk prediction methods, specifically designed to reduce the risk associated with late stage preventive or therapeutic vaccine failure, increasing the chance of discovery of an effective vaccine.

Fields of science

medical and health sciences › basic medicine › immunology › immunisation
medical and health sciences › health sciences › public health › epidemiology › pandemics
natural sciences › biological sciences › biochemistry › biomolecules › proteins
medical and health sciences › health sciences › infectious diseases › RNA viruses › HIV
medical and health sciences › basic medicine › pharmacology and pharmacy › pharmaceutical drugs › vaccines

Keywords

EAVI2020

Programme(s)

H2020-EU.3.1. - SOCIETAL CHALLENGES - Health, demographic change and well-being
H2020-EU.3.1.2. - Preventing disease
Topic(s)


Call for proposal

H2020-PHC-2014-2015

See other projects for this call

Sub call

H2020-PHC-2015-single-stage_RTD

Funding Scheme

RIA - Research and Innovation action

Coordinator

IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

Net EU contribution

€ 6 288 273,24

Address

South kensington campus exhibition road
SW7 2AZ London

United Kingdom

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
THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD

United Kingdom

Net EU contribution

€ 2 356 124,00

Address

Wellington square university offices
OX1 2JD Oxford

Region

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

Activity type

Higher or Secondary Education Establishments

Links

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

Other funding

€ 0,00

INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE

France

Net EU contribution

€ 1 140 062,50

Address

Rue de tolbiac 101
75654 Paris

Region

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

Activity type

Research Organisations
FUNDACIO PRIVADA INSTITUT DE RECERCA DE LA SIDA-CAIXA

Spain

Net EU contribution
€ 1 998 031,25

Address
Carretera de canyet
08916 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

ISTITUTO SUPERIORE DI SANITA

Italy

Net EU contribution
€ 389 700,00

Address
Viale regina elena 299
00161 Roma

Region
Centro (IT) > Lazio > Roma

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network
POLYMUN SCIENTIFIC IMMUNBIOLOGISCHE FORSCHUNG GMBH

Austria

Net EU contribution

€ 3 519 158,00

Address
Donaustrasse 99
3400 Klosterneuburg

SME
Yes

Region
Östereich > Niederösterreich > Wiener Umland/Nordteil

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

Other funding
€ 0,00

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

Spain

Net EU contribution
€ 421 119,29
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ACADEMISCH MEDISCH CENTRUM BIJ DE UNIVERSITEIT VAN AMSTERDAM

Netherlands
Net EU contribution

€ 571 500,00

Address

Meibergdreef 15
1105AZ Amsterdam

Region

West-Nederland > Noord-Holland > Groot-Amsterdam

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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COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES

France

Net EU contribution

€ 1 390 635,00

Address

Rue leblanc 25
75015 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
OSPEDALE SAN RAFFAELE SRL

Italy

Net EU contribution

€ 800 000,00

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

---

UNIVERSITE GRENOBLE ALPES

France

Net EU contribution

€ 612 907,50

Address
621 avenue centrale
38058 Grenoble

Region
Auvergne-Rhône-Alpes > Rhône-Alpes > Isère

Activity type
Higher or Secondary Education Establishments

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

Other funding

€ 0,00
KING’S COLLEGE LONDON

United Kingdom
Net EU contribution
€ 190 612,50

Address
Strand
WC2R 2LS London

Region
London > Inner London — West > Westminster

Activity type
Higher or Secondary Education Establishments

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

Other funding
€ 0,00

KAROLINSKA INSTITUTET

Sweden
Net EU contribution
€ 895 561,25

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
UNIVERSITATSKLINIKUM ERLANGEN

Germany

Net EU contribution

€ 564 021,00

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
HORIZON collaboration network

Other funding

€ 0,25

THE UNIVERSITY OF WESTERN ONTARIO

Canada

Net EU contribution

€ 0,00

Address

Richmond street nord - suite 2 1151
N6A 3K7 Ontario -london

Activity type

Higher or Secondary Education Establishments

Links

Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network
**NEMZETI ELELMISZERLANC-BIZTONSÁGI HIVATAL**

**Hungary**

Net EU contribution

€ 211 298,75

Address

Keleti karoly utca 24
1024 Budapest

Region

Közép-Magyarország > Budapest > Budapest

Activity type

Other

Links

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

Other funding

€ 0,00

---

**LUDWIG BOLTZMANN GESELLSCHAFT OSTERREICHISCHE VEREINIGUNG ZUR FORDERUNG DER WISSENSCHAFTLICHEN FORSCHUNG**

**Austria**

Net EU contribution

€ 201 250,00

Address

Nussdorfer strasse 64/6
1090 Wien

Region

Ostösterreich > Wien > Wien

Activity type

Research Organisations
BIONTECH RNA PHARMACEUTICALS GMBH

Germany

Net EU contribution

€ 92,902,55

Address

An der goldgrube 12
55131 Mainz

SME

Yes

Region

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

Activity type

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

INSTITUTO DE SALUD CARLOS III

Spain

Net EU contribution

€ 403,828,75

Address

Monforte de lemos 5
28029 Madrid
STICHTING INTERNATIONAL AIDS VACCINE INITIATIVE THE NETHERLANDS

Netherlands

Net EU contribution

€ 0,00

Address

Van diemenstraat 20, 200 unit 48
1013 NH Amsterdam

Region

West-Nederland > Noord-Holland > Groot-Amsterdam

Activity type

Other

Links

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

Other funding

€ 0,00

UNIVERSITY OF MELBOURNE

Australia

Net EU contribution

€ 0,00

Address
Parkville Office of the Vice Chancellor
3010 Melbourne

Activity type
Higher or Secondary Education Establishments

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

Other funding
€ 514 641,25

UNIVERSITY OF NEW SOUTH WALES
Australia

Net EU contribution
€ 0,00

Address
Anzac parade
2052 Sydney

Activity type
Higher or Secondary Education Establishments

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

Other funding
€ 214 891,25

GENOME RESEARCH LIMITED
United Kingdom

Net EU contribution
€ 0,00

Address
Wellcome Sanger Institute, Wellcome Genome Campus, Hinxton, CB10 1SA, Saffron Walden
Region
East of England > East Anglia > Cambridgeshire CC

Activity type
Research Organisations

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

Other funding
€ 0,00

INTERNATIONAL AIDS VACCINE INITIATIVE INC

United States
Net EU contribution
€ 478 626,87

Address
125 broad street, 9th 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

UNIVERSITY OF SOUTHAMPTON

United Kingdom
Net EU contribution
€ 210 343,75

Address
Highfield
SO17 1BJ Southampton
FUNDACIO HOSPITAL UNIVERSITARI VALL D’HEBRON - INSTITUT DE RECERCA

Spain

Net EU contribution

€ 195 177,19

Address

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

Region

Este > Cataluña > Barcelona

Activity type

Research Organisations

Last update: 13 November 2023

Permalink: https://cordis.europa.eu/project/id/681137