

HORIZON
2020

Beating Goliath: Generation Of NoveL, Integrated and Internationally Harmonised Approaches for Testing Metabolism Disrupting Compounds

Fact Sheet

Project Information

GOLIATH

Grant agreement ID: 825489

[Project website](#) 

DOI

[10.3030/825489](https://doi.org/10.3030/825489) 

Project closed

EC signature date

21 November 2018

Start date

1 January 2019

End date

31 December 2024

Funded under

SOCIETAL CHALLENGES - Health, demographic change and well-being

Total cost

€ 6 761 833,75

EU contribution

€ 6 761 833,75

Coordinated by

UNIVERSITEIT UTRECHT



Netherlands

Project description

Novel testing methods for metabolism-disrupting chemicals

Metabolism-disrupting chemicals (MDCs) are natural and anthropogenic chemicals that disrupt the metabolism and ultimately result in obesity and diabetes. The EU-funded GOLIATH project aims to develop an integrated approach for testing and

assessing MDCs. Researchers will focus on the main cellular targets of metabolic disruption and develop predictive models as well as toxicity screening assays. Combined with omics data, these tools will help decipher the endocrine mode of action and the adverse effects of MDCs on human health. The GOLIATH test methods have the potential to be exploited for regulatory use, leading to much anticipated guidelines.

Fields of science (EuroSciVoc)

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

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

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

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



Keywords

[test method development](#)

Programme(s)

[H2020-EU.3.1. - SOCIETAL CHALLENGES - Health, demographic change and well-being](#)

MAIN PROGRAMME

[H2020-EU.3.1.1. - Understanding health, wellbeing and disease](#)

Topic(s)

[SC1-BHC-27-2018 - New testing and screening methods to identify endocrine disrupting chemicals](#)

Call for proposal

[H2020-SC1-BHC-2018-2020](#)

[See other projects for this call](#)

Sub call

Funding Scheme

[RIA - Research and Innovation action](#)

Coordinator



UNIVERSITEIT UTRECHT

Net EU contribution

€ 1 268 269,88

Total cost

€ 1 268 269,88

Address

HEIDELBERGLAAN 8

3584 CS Utrecht

 Netherlands 

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Participants (14)



INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT

 France

Net EU contribution

€ 798 786,25

Address

147 RUE DE L'UNIVERSITE

75007 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](#)

Total cost

€ 798 786,25



Department of Health

United Kingdom

Net EU contribution

€ 497 033,43

Address

Quarry House, Quarry Hill
LS2 7UE Leeds

Region

Yorkshire and the Humber > West Yorkshire > Leeds

Activity type

Research Organisations

Links

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

Total cost

€ 497 033,43



INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE

France

Net EU contribution

€ 1 077 695,00

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](#) 

Total cost
€ 1 077 695,00



KAROLINSKA INSTITUTET

 Sweden
Net EU contribution
€ 402 500,00

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](#) 

Total cost
€ 402 500,00



UNIVERSIDAD MIGUEL HERNANDEZ DE ELCHE

 Spain
Net EU contribution

€ 672 862,50

Address

AVENIDA DE LA UNIVERSIDAD S-N
03202 Elche 

Region

Este > Comunitat Valenciana > Alicante/Alacant

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 672 862,50



AGENCE NATIONALE DE LA SECURITE SANITAIRE DE L ALIMENTATION DE L ENVIRONNEMENT ET DU TRAVAIL

 France

Net EU contribution

€ 134 250,00

Address

14 RUE PIERRE ET MARIE CURIE
94700 Maisons Alfort 

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](#) 

Total cost

€ 134 250,00



LINKOPINGS UNIVERSITET

 Sweden

Net EU contribution

€ 338 287,50

Address

CAMPUS VALLA

581 83 Linköping 

Region

Östra Sverige > Östra Mellansverige > Östergötlands län

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 338 287,50



VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK N.V.

 Belgium

Net EU contribution

€ 137 510,00

Address

BOERETANG 200

2400 Mol 

Region

Vlaams Gewest > Prov. Antwerpen > Arr. Turnhout

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 137 510,00



BRUNEL UNIVERSITY LONDON

United Kingdom

Net EU contribution

€ 224 017,35

Address

KINGSTON LANE

UB8 3PH Uxbridge

Region

London > Outer London — West and North West > Harrow and Hillingdon

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#)

Total cost

€ 224 017,35



THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

United States

Net EU contribution

€ 339 596,84

Address

FRANKLIN STREET 1111 12 FLOOR

94607 Berkeley

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#)

Total cost

€ 339 596,84



BIOPREDIC INTERNATIONAL SARL

 France

Net EU contribution

€ 243 750,00

Address

PARC D'ACTIVITE DE LA BRETECHE BATIMENT A4

35760 Saint-Gregoire 

SME 

Yes

Region

Bretagne > Bretagne > Ille-et-Vilaine

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](#) 

Total cost

€ 243 750,00



HOFFMANN SEBASTIAN

 Germany

Net EU contribution

€ 75 000,00

Address



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](#) 

Total cost

€ 75 000,00



UMEA UNIVERSITET

 Sweden

Net EU contribution

€ 303 750,00

Address

UNIVERSITETOMRADET

901 87 Umea 

Region

Norra Sverige > Övre Norrland > Västerbottens län

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 303 750,00



THE UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN

 United Kingdom

Net EU contribution

€ 220 159,94

Address

KING'S COLLEGE REGENT WALK

AB24 3FX Aberdeen 

Region

Scotland > North Eastern Scotland > Aberdeen City and Aberdeenshire

Activity type

Higher or Secondary Education Establishments

Links

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

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

Total cost

€ 220 159,94

Last update: 4 March 2025

Permalink: <https://cordis.europa.eu/project/id/825489>

European Union, 2025