



Molecular basis of human enhanceropathies

Fact Sheet

Project Information

ENHPATHY

Grant agreement ID: 860002

DOI

[10.3030/860002](https://doi.org/10.3030/860002)

Project closed

EC signature date

9 August 2019

Start date

1 March 2020

End date

29 February 2024

Funded under

EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions

Total cost

€ 3 992 397,48

EU contribution

€ 3 992 397,48

Coordinated by

INSTITUT NATIONAL DE LA
SANTÉ ET DE LA RECHERCHE
MÉDICALE

France

Project description

Enhancing understanding of transcription regulation in enhanceropathies

Transcription is a key step in gene expression whereby the code carried by the DNA is copied to a single strand of RNA that is then used as a template to assemble the protein. Transcription regulation is the most common form of gene control and enhancers are rapidly becoming a key therapeutic target. Enhancers are regulatory DNA sequences that enhance gene transcription by binding to specific proteins called transcription factors. Disruption of their function is associated with numerous diseases, now broadly termed enhanceropathies, yet their mechanisms of action are largely unknown. ENHPATHY is training researchers in the multidisciplinary

techniques required to elucidate mechanisms. Partnering with private companies will move discoveries from the bench to the bedside.

Fields of science (EuroSciVoc)

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

[natural sciences](#) > [biological sciences](#) > [genetics](#) > **[mutation](#)**

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



Keywords

[Enhancer](#)

[enhanceropathies](#)

[reporter assay](#)

[genome topology](#)

[epigenetics](#)

[genomics](#)

Programme(s)

[H2020-EU.1.3. - EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions](#)

MAIN PROGRAMME

[H2020-EU.1.3.1. - Fostering new skills by means of excellent initial training of researchers](#)

Topic(s)

[MSCA-ITN-2019 - Innovative Training Networks](#)

Call for proposal

[H2020-MSCA-ITN-2019](#) 

[See other projects for this call](#)

Funding Scheme

[MSCA-ITN - Marie Skłodowska-Curie Innovative Training Networks \(ITN\)](#)

Coordinator



INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE

Net EU contribution

€ 274 802,04

Total cost

€ 274 802,04

Address

RUE DE TOLBIAC 101

75654 Paris

 France 

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](#) 

Participants (16)



UNIVERSIDAD DE CANTABRIA

 Spain

Net EU contribution

€ 250 904,88

Address

AVENIDA DE LOS CASTROS S/N

39005 Santander 

Region

Noroeste > Cantabria > Cantabria

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 250 904,88



USTAV MOLEKULARNI GENETIKY AV CR V.V.I.

 Czechia

Net EU contribution

€ 234 871,56

Address

VIDENSKA 1083

142 20 Praha 4 

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 234 871,56



KOBENHAVNS UNIVERSITET

 Denmark

Net EU contribution

€ 297 522,00

Address

NORREGADE 10

1165 Kobenhavn 

Region

Danmark > Hovedstaden > Byen København

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 297 522,00



ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE

 Switzerland

Net EU contribution

€ 281 276,64

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](#) 

Total cost

€ 281 276,64



FUNDACIO CENTRE DE REGULACIO GENOMICA

 Spain

Net EU contribution

€ 250 904,88

Address

CARRER DOCTOR AIGUADER 88

08003 Barcelona 

Region

Este > Cataluña > Barcelona

Activity type

Research Organisations

Links

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

Total cost

€ 250 904,88



KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN - KNAW

Netherlands

Net EU contribution

€ 265 619,88

Address

KLOVENIERSBURGWAL 29 HET TRIPPENHUIS
1011 JV AMSTERDAM



Activity type

Research Organisations

Links

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

Total cost

€ 265 619,88



SYDDANSK UNIVERSITET

Denmark

Net EU contribution

€ 297 522,00

Address

CAMPUSVEJ 55
5230 Odense M



Region

Danmark > Syddanmark > Fyn

Activity type

Higher or Secondary Education Establishments

Links

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

Total cost

€ 297 522,00



HUMANITAS UNIVERSITY

Italy

Net EU contribution

€ 0,00

Address

VIA RITA LEVI MONTALCINI SNC
20090 Pieve Emanuele

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

Total cost

No data



UNIwersytet Warszawski

Poland

Net EU contribution

€ 227 478,60

Address

KRAKOWSKIE PRZEDMIESCIE 26/28
00-927 Warszawa

Region

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#)

Total cost

€ 227 478,60



KUNGLIGA TEKNISKA HOEGSKOLAN

 Sweden

Net EU contribution

€ 281 982,96

Address

BRINELLVAGEN 8
100 44 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

€ 281 982,96



EUROPEAN MOLECULAR BIOLOGY LABORATORY

 Germany

Net EU contribution

€ 252 788,40

Address

Meyerhofstrasse 1
69117 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](#) 

Total cost

€ 252 788,40



GEN-X BV 

 Netherlands

Net EU contribution

€ 0,00

Address

ERASMUSGRACHT 59H
1056 BG Amsterdam 

SME 

Yes

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

No data



ELVESYS

 France

Net EU contribution

€ 274 802,04

Address

172 RUE DE CHARONNE B2 2 EME ETAGE
75011 Paris 

SME 

Yes

Region

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

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

€ 274 802,04



ADVANCED BIODESIGN

 France

Net EU contribution

€ 274 802,04

Address

LES ALLEES DU PARC, 575/655 ALLEE D
69800 Saint-Priest 

SME 

Yes

Region

Auvergne-Rhône-Alpes > Rhône-Alpes > Rhône

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

€ 274 802,04



ISTITUTO EUROPEO DI ONCOLOGIA SRL

 Italy

Net EU contribution

€ 261 499,68

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](#) 

Total cost

€ 261 499,68



Annogen B.V.

 Netherlands

Net EU contribution

€ 265 619,88

Address

Science Park 406

1098 XH Amsterdam 

SME 

Yes

Activity type

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

Links

[Contact the organisation](#) 

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

Total cost

€ 265 619,88

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European Union, 2025