

HORIZON
2020

Nanomedicine upscaling for early clinical phases of multimodal cancer therapy

Fact Sheet

Project Information

NoCanTher

Grant agreement ID: 685795

[Project website](#)



DOI

[10.3030/685795](https://doi.org/10.3030/685795)

Project closed

EC signature date

8 March 2016

Start date

1 April 2016

End date

30 September 2021

Funded under

INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies – Nanotechnologies

Total cost

€ 7 113 778,75

EU contribution

€ 7 113 778,75

Coordinated by

FUNDACION IMDEA
NANOCIENCIA



Spain

Project description

Novel nanomedicine for pancreatic cancer

Pancreatic cancer is considered one of the most aggressive types of cancer, often remaining undetected in its early stages due to a lack of specific symptoms. It is characterised by overall poor prognosis, low survival rate, and limited treatment options. To offer treatment alternatives to patients, the EU-funded NoCanTher project aims to develop nanoparticles that are functionalised to target pancreatic cancer cells and deliver an anticancer drug. Researchers will bring this

nanoformulation forward for clinical development, which includes scaling up production under certified conditions and optimising various parameters for use in patients.

Fields of science (EuroSciVoc)

[natural sciences](#) > [biological sciences](#) > [biochemistry](#) > [biomolecules](#)

[medical and health sciences](#) > [medical biotechnology](#) > [nanomedicine](#)

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

[engineering and technology](#) > [nanotechnology](#) > [nano-materials](#)



Keywords

[pancreatic cancer](#)

[multimodal therapy](#)

[multifunctionalised magnetic nanoparticles](#)

[GMP upscaling](#)

[Phase I clinical trial](#)

[magnetic hyperthermia](#)

Programme(s)

[H2020-EU.2.1.2. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies – Nanotechnologies](#)

MAIN PROGRAMME

Topic(s)

[NMP-11-2015 - Nanomedicine therapy for cancer](#)

Call for proposal

[H2020-NMP-2014-2015](#) 

[See other projects for this call](#)

Sub call

Funding Scheme

[RIA - Research and Innovation action](#)

Coordinator



FUNDACION IMDEA NANOCIENCIA

Net EU contribution

€ 729 696,89

Total cost

€ 729 696,89

Address

**CALLE FARADAY 9 CIUDAD UNIVERSITARIA DE CANTOBLANCO
28049 Madrid**

 **Spain** 

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#) 

Participants (11)



BIOKERALTY RESEARCH INSTITUTE AIE

 **Spain**

Net EU contribution

€ 1 494 864,37

Address

ENTIDAD ARCAUTE 005 ARCAUTE
01192 Vitoria-Gasteiz 

Region
Noreste > País Vasco > Araba/Álava

Activity type
Other

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

Total cost
€ 1 494 864,37



IMMUPHARMA PLC

 United Kingdom
Net EU contribution

€ 175 250,21

Address
50 BROADWAY
SW1H 0RG London 

SME 
Yes

Region
London > Inner London — West > Westminster

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
€ 175 250,21



CHEMICELL GMBH

 Germany

Net EU contribution

€ 174 171,00

Address

ERESBURGSTRASSE 22-23

12103 Berlin 

SME 

Yes

Region

Berlin > Berlin > Berlin

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

€ 174 171,00



UNIVERSITATSKLINIKUM JENA

 Germany

Net EU contribution

€ 755 768,05

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](#) 

Total cost

€ 755 768,05



RESONANT CIRCUITS LIMITED

United Kingdom

Net EU contribution

€ 888 684,93

Address

**ALBERMALE STREET THE ROYAL 21
W1S 4BS London**

SME

Yes

Region

London > Inner London — West > Westminster

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

€ 888 684,93



FUNDACIO HOSPITAL UNIVERSITARI VALL D'HEBRON - INSTITUT DE RECERCA

Spain

Net EU contribution

€ 630 633,55

Address

**PASSEIG VALL D HEBRON 119-129 EDIFICIO DE RECERCA
08035 Barcelona**

Region

Este > Catalunya > Barcelona

Activity type

Research Organisations

Links

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

Total cost
€ 630 633,55



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
€ 671 039,54

Address
COLLEGE GREEN TRINITY COLLEGE
D02 CX56 Dublin

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](#)

Total cost
€ 671 039,54



UNIVERSITE PARIS CITE

France

Net EU contribution
€ 424 494,45

Address
85 BD SAINT GERMAIN
75006 Paris

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

Activity type

Higher or Secondary Education Establishments

Links

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

Total cost

€ 603 527,89

 **THIRD-PARTY** 

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS

 France

Net EU contribution

€ 179 033,44

Address

RUE MICHEL ANGE 3
75794 Paris 

Region

Ile-de-France > Ile-de-France > Hauts-de-Seine

Activity type

Research Organisations

Links

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

Total cost

No data



FUNDACIO PRIVADA INSTITUT D'INVESTIGACIO ONCOLOGICA DE VALL-HEBRON (VHIO)

 Spain

Net EU contribution

€ 347 979,26

Address

CALLE NAZARET 115-117
08035 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

€ 347 979,26



HOSPITAL UNIVERSITARIO DE FUENLABRADA

 Spain

Net EU contribution

€ 553 624,70

Address

CALLE DEL MOLINO 2
28942 Fuenlabrada 

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](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 553 624,70

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Permalink: <https://cordis.europa.eu/project/id/685795>

