

HORIZON
2020

Training European Experts in Multiscale Studies of Neural Crest Development and Disorders: from Patient to Model Systems and Back again.

Fact Sheet

Project Information

NEUcrest

Grant agreement ID: 860635

[Project website](#) 

DOI

[10.3030/860635](https://doi.org/10.3030/860635) 

Project closed

EC signature date

4 September 2019

Start date

1 November 2019

End date

30 April 2024

Funded under

EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions

Total cost

€ 4 156 404,84

EU contribution

€ 4 156 404,84

Coordinated by

INSTITUT CURIE



France

Project description

Understanding regulation of embryonic cells could shed light on numerous pathologies

Neural crest cells are a transient group of embryonic cells that migrate extensively, giving rise not only to most of the peripheral nervous system but also to cells of the adrenal gland, smooth muscle cells of the cardiovascular system, pigment cells in the skin, and craniofacial bones, cartilage, and connective tissue. Neurocristopathies (NCP) result from abnormalities in neural crest cells, and cancers such as melanoma and neuroblastoma are linked to them. However, it is difficult to trace pathologies to specific mutations in these cells. NEUcrest is harnessing the power of early stage researchers to tease out the complex aspects of neural cell and tumour formation, and more generally, the regulation of neural cell tissue in human health.

Fields of science (EuroSciVoc)

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

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

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



Keywords

[Multidisciplinary training](#)

[Genetic disorders](#)

[Genomics and functional genomics](#)

[Genetic and molecular diagnostic tools](#)

[Cancer and biological basis](#)

[Drug discovery](#)

[Bioinformatics](#)

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

[See other projects for this call](#)

Funding Scheme

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

Coordinator



INSTITUT CURIE

Net EU contribution

€ 549 604,08

Total cost

€ 549 604,08

Address

RUE D ULM 26

75231 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 (10)



KING'S COLLEGE LONDON

 United Kingdom

Net EU contribution

€ 303 172,56

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](#) 

Total cost

€ 303 172,56



UNIVERSITY OF EAST ANGLIA

 United Kingdom
Net EU contribution

€ 606 345,12

Address

EARLHAM ROAD
NR4 7TJ Norwich 

Region

East of England > East Anglia > Norwich and East Norfolk

Activity type

Higher or Secondary Education Establishments

Links

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

Total cost

€ 606 345,12



UNIVERSITY OF GALWAY

 Ireland

Net EU contribution

€ 549 368,64

Address

UNIVERSITY ROAD
H91 Galway 

Region

Ireland > Northern and Western > West

Activity type

Higher or Secondary Education Establishments

Links

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

Total cost

€ 549 368,64



UNIVERSIDAD MIGUEL HERNANDEZ DE ELCHE

 Spain

Net EU contribution

€ 501 809,76

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

€ 501 809,76



ERASMUS UNIVERSITAIR MEDISCH CENTRUM ROTTERDAM

 Netherlands

Net EU contribution

€ 265 619,88

Address

DR MOLEWATERPLEIN 40

3015 GD Rotterdam 

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 265 619,88



MEDIZINISCHE UNIVERSITAET WIEN

 Austria

Net EU contribution

€ 264 207,24

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](#) 

Total cost

€ 264 207,24



TEL AVIV UNIVERSITY

 Israel

Net EU contribution

€ 263 500,92

Address

RAMAT AVIV

69978 Tel Aviv 

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 263 500,92



STEMCELL TECHNOLOGIES UK LTD

 United Kingdom

Net EU contribution

€ 303 172,56

Address

BUILDING 7100 CAMBRIDGDE RESEARCH PARK BEACH DRIVE WATERBEACH

CB25 9TL Cambridge 

SME 

Yes

Region

East of England > East Anglia > Cambridgeshire CC

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

€ 303 172,56



AZELEAD

 France

Net EU contribution

€ 274 802,04

Address

377 RUE DU PR BLAYAC

34080 Montpellier 

SME 

Yes

Region

Occitanie > Languedoc-Roussillon > Hérault

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



IMAGINE INSTITUT DES MALADIES GENETIQUES NECKER ENFANTS MALADES FONDATION

 France

Net EU contribution

€ 274 802,04

Address

24 BD DU MONTPARNASSE

75015 Paris 

Region

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

Activity type

Research Organisations

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 274 802,04

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European Union, 2025