

HORIZON
2020

Combating 2019-nCoV: Advanced Nanobiosensing platforms for POC global diagnostics and surveillance

Fact Sheet

Project Information

CoNVat

Grant agreement ID: 101003544

[Project website](#)

DOI

[10.3030/101003544](https://doi.org/10.3030/101003544)

Project closed

EC signature date

6 April 2020

Start date

10 March 2020

End date

9 September 2022

Funded under

SOCIETAL CHALLENGES - Health, demographic change and well-being

Total cost

€ 2 547 152,48

EU contribution

€ 2 547 152,48

Coordinated by

FUNDACIO INSTITUT CATALA
DE NANOCIENCIA I
NANOTECNOLOGIA



Spain

Project description

A disruptive point-of-care tool for coronavirus detection

The current COVID-19 pandemic has highlighted the unpreparedness of governments, public organisations and communities to face and manage such a health crisis. For many infectious diseases, prompt pathogen detection is central for taking the appropriate containment measures to halt their spread. The scope of the EU-funded CoNVat project is to develop a point-of-care biosensor approach for the

direct, fast and specific identification of the new coronavirus, directly in the patient's sample. The generated technology will be able to differentiate between the various viral strains and can be implemented in decentralised settings to improve the early diagnosis, surveillance and clinical management of patients.

Fields of science (EuroSciVoc)

[medical and health sciences](#) > [health sciences](#) > [infectious diseases](#) > [RNA viruses](#) > **[coronaviruses](#)**



Keywords

[Point-of-care](#)

[early diagnostics](#)

[photonic biosensor](#)

[antigen test](#)

[molecular test](#)

[PCR-free](#)

[label-free](#)

[real-time](#)

[environmental screening](#)

[animal reservoirs](#)

Programme(s)

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

MAIN PROGRAMME

[H2020-EU.3.1.3. - Treating and managing disease](#)

Topic(s)

[SC1-PHE-CORONAVIRUS-2020 - Advancing knowledge for the clinical and public health response to the 2019-nCoV epidemic](#)

Call for proposal

[H2020-SC1-PHE-CORONAVIRUS-2020](#) 

[See other projects for this call](#)

Funding Scheme

Coordinator



FUNDACIO INSTITUT CATALA DE NANOCIENCIA I NANOTECNOLOGIA

Net EU contribution

€ 727 452,45

Total cost

€ 840 843,73

Address

AVINGUDA DE SERRAGALLINERS S/N CAMPUS BELLATERRA UAB
08290 CERDANYOLA DEL VALLES

Spain

Region

Este > Cataluña > Barcelona

Activity type

Research Organisations

Links

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

Participants (4)

THIRD-PARTY

AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS

Spain

Net EU contribution

€ 113 391,28

Address

CALLE SERRANO 117
28006 Madrid

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](#)

Total cost

€ 113 391,28



UNIVERSITAT DE BARCELONA

Spain

Net EU contribution

€ 400 152,50

Address

GRAN VIA DE LES CORTS CATALANES 585
08007 Barcelona

Region

Este > Cataluña > Barcelona

Activity type

Higher or Secondary Education Establishments

Links

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

Total cost

€ 400 152,50



UNIVERSITE D'AIX MARSEILLE

France

Net EU contribution

€ 692 406,25

Address

BOULEVARD CHARLES LIVON 58 LE PHARO
13284 Marseille

Region

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)

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

[HORIZON collaboration network](#)

Total cost

€ 692 406,25



ISTITUTO NAZIONALE PER LE MALATTIE INFETTIVE LAZZARO
SPALLANZANI-ISTITUTO DI RICOVERO E CURA A CARATTERE SCIENTIFICO

 Italy

Net EU contribution

€ 613 750,00

Address

Via Portuense, 292

00149 Roma 

Region

Centro (IT) > Lazio > Roma

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#)

Total cost

€ 613 750,00

Last update: 27 December 2023

Permalink: <https://cordis.europa.eu/project/id/101003544>

