**Intelligent design of adenovirus vectors (iAds)**

**Fact Sheet**

<table>
<thead>
<tr>
<th>Project Information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>iAds</strong></td>
<td>Funded under The European Innovation Council (EIC)</td>
</tr>
<tr>
<td>Grant agreement ID: 101098647</td>
<td></td>
</tr>
<tr>
<td><strong>DOI</strong></td>
<td>Total cost €3 443 137,18</td>
</tr>
<tr>
<td><a href="10.3030/101098647">10.3030/101098647</a></td>
<td>EU contribution €3 443 137,18</td>
</tr>
<tr>
<td><strong>Start date</strong></td>
<td>Coordinated by CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS</td>
</tr>
<tr>
<td>1 May 2023</td>
<td>France</td>
</tr>
<tr>
<td><strong>End date</strong></td>
<td>30 April 2027</td>
</tr>
</tbody>
</table>

**Project description**

**Adenovirus vectors for clinical gene transfer**

Gene therapy is a highly promising approach for treating certain diseases. Viral vectors have been developed stripped of their ability to cause disease and are instead used to deliver genetic material into cells for therapeutic purposes. Adenoviruses are particularly attractive because they can efficiently deliver DNA into both dividing and non-dividing cells. Funded by the European Innovation Council, the iAds project aims to overcome the limitations of adenoviral vectors, such as host immune responses and imperfect targeting. The consortium will create an in-silico platform for the design of intelligent adenovirus vectors with a focus on heart- and brain-specific targeting, addressing areas of unmet medical need.
Fields of science

natural sciences > biological sciences > neurobiology
medical and health sciences > medical biotechnology > genetic engineering > gene therapy
natural sciences > biological sciences > molecular biology > structural biology

Programme(s)

HORIZON.3.1 - The European Innovation Council (EIC)

Topic(s)

HORIZON-EIC-2022-PATHFINDEROPEN-01-01 - EIC Pathfinder Open 2022

Call for proposal

HORIZON-EIC-2022-PATHFINDEROPEN-01

See other projects for this call

Funding Scheme

EIC - EIC

Coordinator

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS
Net EU contribution
€ 1 214 366,25

Address
Rue michel ange 3
75794 Paris

Region
Ile-de-France > Ile-de-France > Paris
Participants (6)

**THIRD-PARTY**

**INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE**

- France
- Net EU contribution: €166,724.68
- Address: Rue de Tolbiac 101, 75654 Paris
- Region: Ile-de-France > Ile-de-France > Paris

**UNIVERSITE DE MONTPELLIER**

- France
- Net EU contribution: €51,250.00
- Address: 163 rue Auguste Broussonnet, 34090 Montpellier
- Region: Occitanie > Languedoc-Roussillon > Hérault
**BATAVIA BIOSCIENCES BV**

Netherlands  
Net EU contribution  
€ 405 101,25

Address  
Zernikedreef 16  
2333 CL Leiden

SME  
Yes

Region  
West-Nederland > Zuid-Holland > Agglomeratie Leiden en Bollenstreek

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

**JANSEN VACCINES & PREVENTION BV**

Netherlands  
Net EU contribution  
€ 531 168,75

Address  
Archimedesweg 4  
2333 CN Leiden  
4 of 6
AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS

Spain

Net EU contribution
€ 645,118.75

Address
Calle serrano 117
28006 Madrid

Region
Comunidad de Madrid > Comunidad de Madrid > Madrid

Other funding
€ 0.00

UMEA UNIVERSITET

Sweden

Net EU contribution
€ 429,407.50

Address
Universitetomradet
901 87 Umeå

Region
Norra Sverige > Övre Norrland > Västerbottens län
Partners (1)

THE UNIVERSITY OF EDINBURGH
United Kingdom
Net EU contribution
€ 0,00
Address
Old college, south bridge
EH8 9YL Edinburgh
Region
Scotland > Eastern Scotland > Edinburgh

EC signature date 20 December 2022
Last update: 24 May 2023

Permalink: https://cordis.europa.eu/project/id/101098647

European Union, 2023