PROTO - Advanced PeRsOnalized Therapies for Osteoarthritis – TACKLING INFLAMMATION TO IMPROVE PATIENT OUTCOMES

Fact Sheet

Project Information

PROTO
Grant agreement ID: 101095635

DOI
10.3030/101095635

EC signature date
17 November 2022

Funded under
Health

Total cost
€ 7 447 875,25

EU contribution
€ 7 447 875,00

Coordinated by
CHARITE - UNIVERSITAETSME dizin BERLIN

Start date
1 January 2023

End date
31 December 2027

Germany

Project description

Novel personalised therapy for prevention and treatment of osteoarthritis

Restoration of joint physiological homeostasis at an early stage of osteoarthritis (OA) may prevent the progression of the disease. The EU-funded PROTO project intends to develop novel evidence- and patient-centred treatment strategies for early and pre-disease OA stages. Early stage knee OA patients will be treated with local placental expanded cell (PLX-PAD) injections, a novel allogeneic cell therapy...
product with anti-inflammatory characteristics that may prevent or reverse disease progression. In a second approach, patients recovering from anterior cruciate ligament reconstructions with pathological gait patterns leading to knee OA will be treated with a personalised sensor-based digital training intervention. The goal is to prevent disease progression by restoring physiological movement and reducing joint inflammation.

**Fields of science**

- medical and health sciences > clinical medicine > rheumatology
- medical and health sciences > medical biotechnology > cells technologies
- medical and health sciences > basic medicine > physiology > homeostasis

**Programme(s)**

- HORIZON.2.1 - Health
- HORIZON.2.1.1 - Health throughout the Life Course

**Topic(s)**

- HORIZON-HLTH-2022-STAYHLTH-02-01 - Personalised blueprint of chronic inflammation in health-to-disease transition

**Call for proposal**

- HORIZON-HLTH-2022-STAYHLTH-02

**Funding Scheme**

- RIA - Research and Innovation action

**Coordinator**

CHARITE - UNIVERSITAETSME dizin BERLIN
Participants (8)

PARACELSUS MEDIZINISCHE PRIVATUNIVERSITAT SALZBURG - PRIVATSTIFTUNG

Austria

Net EU contribution
€ 1 020 475,00

Address
Strubergasse 21
5020 Salzburg

Region
Westösterreich > Salzburg > Salzburg und Umgebung

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network
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<th>Country</th>
<th>Net EU contribution</th>
<th>Address</th>
<th>Region</th>
<th>Activity type</th>
<th>Links</th>
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<td>OULUN YLIOPISTO</td>
<td>Finland</td>
<td>€ 527 500,00</td>
<td>Pentti kaiteran katu 1, 90014 Oulu</td>
<td>Manner-Suomi &gt; Pohjois- ja Itä-Suomi &gt; Pohjois-Pohjanmaa</td>
<td>Higher or Secondary Education Establishments</td>
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<tr>
<td>PLURI BIOTECH LTD</td>
<td>Israel</td>
<td>€ 486 074,00</td>
<td>Matam industrial park bldg 20, 31905 Haifa</td>
<td>SME: Yes</td>
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<tr>
<td>KINETO TECH REHAB SRL</td>
<td>€ 240 682,50</td>
<td>București sectorul 6, calea plevnei, nr. 139, corpul c, camera 4, etaj 1 060011 Bucharest</td>
<td>Yes</td>
<td>Macroregiunea Trei &gt; București-Ilfov &gt; București</td>
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<tr>
<td>BE THE PARTNER INC</td>
<td>€ 256 810,00</td>
<td>1506 boston providence highway suite 29a 02062 Norwood ma</td>
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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

Other funding
€ 0,00

NORDIC BIOSCIENCE A/S
Denmark
Net EU contribution
€ 215 025,00

Address
Herlev hovedgade 205-207
2730 Herlev

SME
Yes
Region
Danmark > Hovedstaden > Københavns omegn

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

Other funding
€ 0,00

INNOVATION ACTA SRL
Italy
Net EU contribution
€ 305 363,50
Partners (1)

Address
Via delle province 1
53100 Siena

SME
Yes

Region
Centro (IT) > Toscana > Siena

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

Other funding
€ 0,25

Stichting ReumaNederland

Netherlands

Net EU contribution
€ 77 845,00

Address
Admiraal helfrichstraat 1
1056 AA Amsterdam

Region
West-Nederland > Noord-Holland > Groot-Amsterdam

Activity type
Other

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

Other funding
€ 0,00
QUEENSLAND UNIVERSITY OF TECHNOLOGY - QLD QUT

Australia

Net EU contribution

€ 0,00

Address

George street 2
4001 Brisbane

Activity type

Higher or Secondary Education Establishments

Links

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

Other funding

€ 0,00

Last update: 25 November 2022

Permalink: https://cordis.europa.eu/project/id/101095635

European Union, 2024