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DE L'ENSEIGNEMENT
SUPÉRIEUR,
DE LA RECHERCHE
ET DE L'INNOVATION

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"Appels IHI : comment participer, retours d'expériences des projets IMI"





le Point de Contact Santé



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<https://www.horizon-europe.gouv.fr/contactez-les-pcn>



<https://www.horizon-europe.gouv.fr/cluster-1-sante>



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- Présentation de IHI
- Retours d'expérience dans des projets IMI

Prof. Thomas BOURGERON, Institut Pasteur:

projet AIMS-2-TRIALS (Autism Innovative Medicine Studies – 2 – Trials)

Mme Ashley Niccollet, OWKIN, Head of Portfolio Management

projet MELLODDY: Machine learning ledger orchestration for drug discovery

projet BIGPICTURE: Central repository for digital pathology

...



Présentation de IHI

La santé dans Horizon Europe

13,6 Md€

53,5 Md €

25 Md €

Pilier 1 Science d'excellence

Conseil européen de la recherche

Actions Marie Skłodowska-Curie

Infrastructures de recherche

Pilier 2 Problématiques mondiales et compétitivité industrielle et européenne

Santé

8,24Md€

Culture, créativité et société inclusive

Sécurité civile pour la société

Numérique, industrie et espace

Climat, énergie et mobilité

Alimentation, bioéconomie, ressources naturelles, agriculture et environnement

Centre commun de recherche

Pilier 3 Europe plus innovante

Conseil européen de l'innovation

Écosystèmes européens d'innovation

Institut européen d'innovation et de technologie

Élargir la participation et renforcer l'espace européen de la recherche

3,4 Md €

Élargir la participation et développer l'excellence

Réformer et consolider le système européen de R&I

Les 9 partenariats en santé 2021-2024

Partenariats institutionnalisés



- Innovative Health Initiative (IHI): 2022 info day 14 juin
- EU-Africa Global Health EDCTP3: 2022

Partenariats co-financés

Titre	WP	Date de démarrage
European partnership on Assessment of Chemical Risks (PARC)	2021	2022
European partnership fostering an ERA for health Nanomedicine, cardio-vascular diseases, nutrition... + international clinical trials	2022	2023
European partnership on transforming health and care systems	2022	2023
pandemic preparedness partnership	2023	2023
European partnership on personalised medicine	2023	2023
European partnership on rare diseases	2023	2024
European partnership on One Health antimicrobial resistance (AMR)	2024	2025

Nouveau partenariat PUBLIC - PRIVE sur la base de



Partenariat entre EC et

- Pharmaceutical companies (EFPIA)
- radiological, electromedical, healthcare IT (COCIR)
- Medical technology companies (MedTechEurope)
- Biotechnology companies(EuropaBio)
- Vaccine companies (Vaccines Europe)



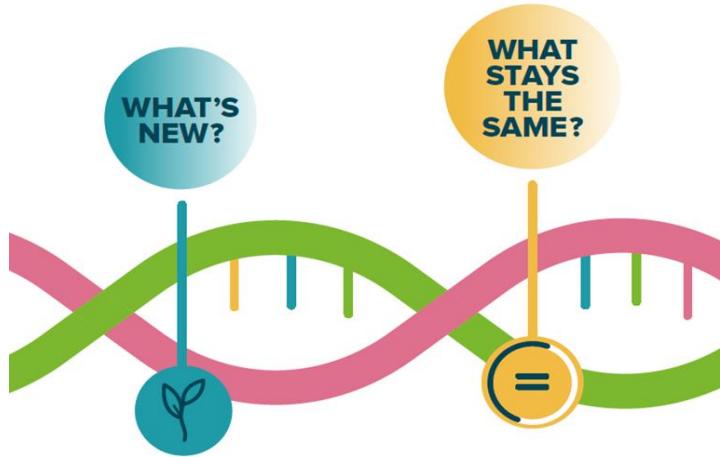
Objectifs :

- Transformer la recherche et l'innovation en matière de santé au bénéfice des **patients et de la société**
- Délivrer des innovations de santé qui couvrent **l'ensemble du spectre des soins** (de la prévention au diagnostic et au traitement), en particulier dans les domaines où il existe un **besoin de santé publique non pourvu**
- Rendre les **industries européennes de la santé compétitives** au niveau mondial.

Innovative Health Initiative IHI Budget

IHI JU Budget: 2,4Md€

- up to EUR **1.2 billion** provided by the European Union (Horizon Europe Health Cluster),
- at least EUR **1.0 billion** provided by the member industry associations,
- up to EUR **200 million** from Contributing Partners.



- The way we're governed will change.
 - The scope of the partnership is broader than IMI as it will cover the **entire continuum of care**.
 - There will be new, specific objectives that align with the EU's latest health policy strategies.
- **Funding comes equally** from the public and industry partners.
 - Calls for proposals will be **open and competitive**.
 - Projects started under IMI will be managed by IHI.

- A new Strategic Research and Innovation Agenda
- The Science and Innovation Panel
- One and two stage calls

Avril 2022: Pré-publication de 6 drafts appels à projets mi-juin 2022 : ouverture des appels (funding and tenders portal)

Call 1

1 étape

- Topic 1: An innovative **decision-support system** for improved care pathways for patients with **neurodegenerative diseases and comorbidities**.
- Topic 2: Next generation imaging and image-guided **diagnosis and therapy** for cancer
- Topic 3: Personalised oncology: Innovative people-centred, multi-modal **therapies against cancer**
- Topic 4: Access and integration of heterogeneous **health data** for improved health care in **diseases areas of high unmet public health need**

Call 2

2 étapes

- Topic 1: **Cardiovascular diseases** - Improved prediction, prevention, diagnosis and monitoring
- Topic 2: Setting a **harmonised methodology** to promote **uptake of Early Feasibility Studies for clinical** and innovation excellence in the European Union

Appels en 1 étape

Topic 1: An innovative **decision-support system** for improved care pathways for patients with **neurodegenerative diseases and comorbidities**.

Budget: 15 M€

Topic 2: Next generation imaging and image-guided **diagnosis and therapy for cancer**

Budget: 40 M€

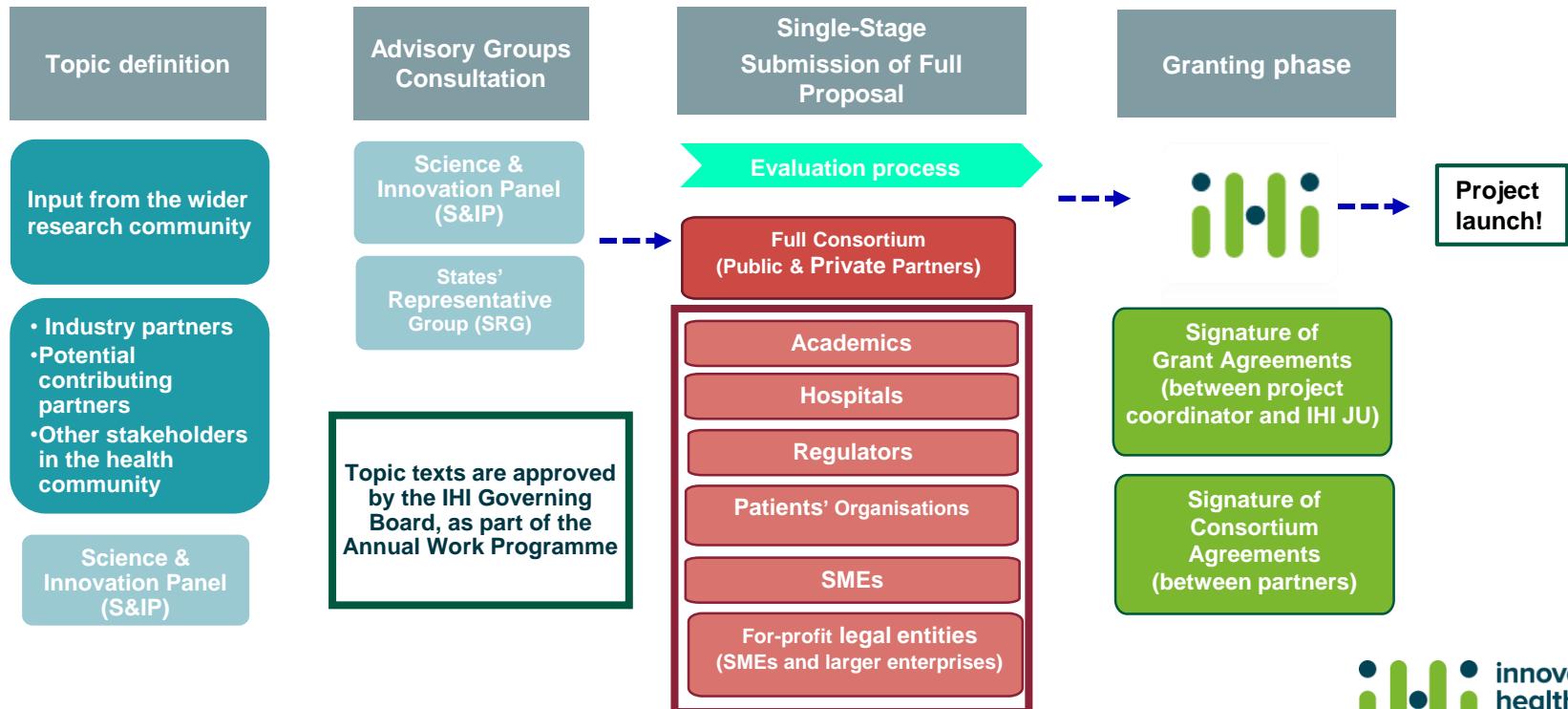
Topic 3: Personalised oncology: Innovative people-centred, multi-modal **therapies against cancer**

Budget: 40 M€

Topic 4: Access and integration of heterogeneous **health data** for improved health care in **diseases areas of high unmet public health need**

Budget: 40 M€

How does IHI work? single-stage procedure



Eligibility rules: participation



Any legal entity or international organisation regardless of its place of establishment



At least 3 independent legal entities established in a different Member State or Associated Country

NEW



IHI specific eligibility criterion for single stage calls

NEW

Each proposal must include contributions from IHI industry members and contributing partners amounting at least 45% of the total project cost.

IMPORTANT!
1 legal entity should be established in a Member State



IKOP, IKAA or FC

Industry contributions

In-kind contributions to operational activities (IKOP)

- Eligible costs incurred in implementing the action.
- Non-EU IKOP refers to in kind contribution incurred outside of the 27 EU Member States and Associated countries to Horizon Europe

In-kind contributions to additional activities (IKAA)

Costs for implementing additional activities (not project task and therefore not IKOP)

- ✓ Programme-specific (i.e. uptake of results from IHI/IMI)
- ✓ Project-specific (i.e dissemination, sustainability or exploitation of IHI JU project results)

Financial Contribution (FC)

- Financial transfer (cash contributions) by private industry members, their constituent or affiliated entities and by contributing partners to:
 - ✓ project beneficiary(ies) supporting the eligible costs incurred in implementing the IHI projects, or
 - ✓ the IHI JU directly (to increase a given project funding)



Eligibility rules: funding for single-stage Calls



Any legal entity established in a
Member State, Associated Country or
Low and Middle Income Countries

NEW

See Horizon Europe
programme guide

Caractéristiques appels en 1 étape

Broad topic, not specific to one single product/technology/solution

Private Members apply simultaneously with **Public Members** in mixed consortia

Due to its nature of openness and competitive character, **private members can receive funding**

Pharma companies will abstain from requesting funding

Industry is building consortia alongside **with public partners (like in HE regular calls)**

Budget includes at least 45% in-kind contribution

Ex: 10 M€ total budget: up to 5.5 M€ costs funded by IHI, at least 4.5 M€ in-kind provided by members of founding associations

Call 1 – single stage – Indicative timelines

April 2022

- Publication of draft topics

mid-June 2022

- Launch of the Call

end-September 2022

- Call Submission Deadline - Full Proposals (FP)

October 2022

- Scientific evaluation

end-November 2022

- Information to the applicants - evaluation outcome

March 2023

- Grant Agreement Preparation (GAP) and GA signature

Appels en 2 étapes

Topic 1: **Cardiovascular diseases** - Improved prediction, prevention, diagnosis and monitoring

-*Budget : 12,5 M€*

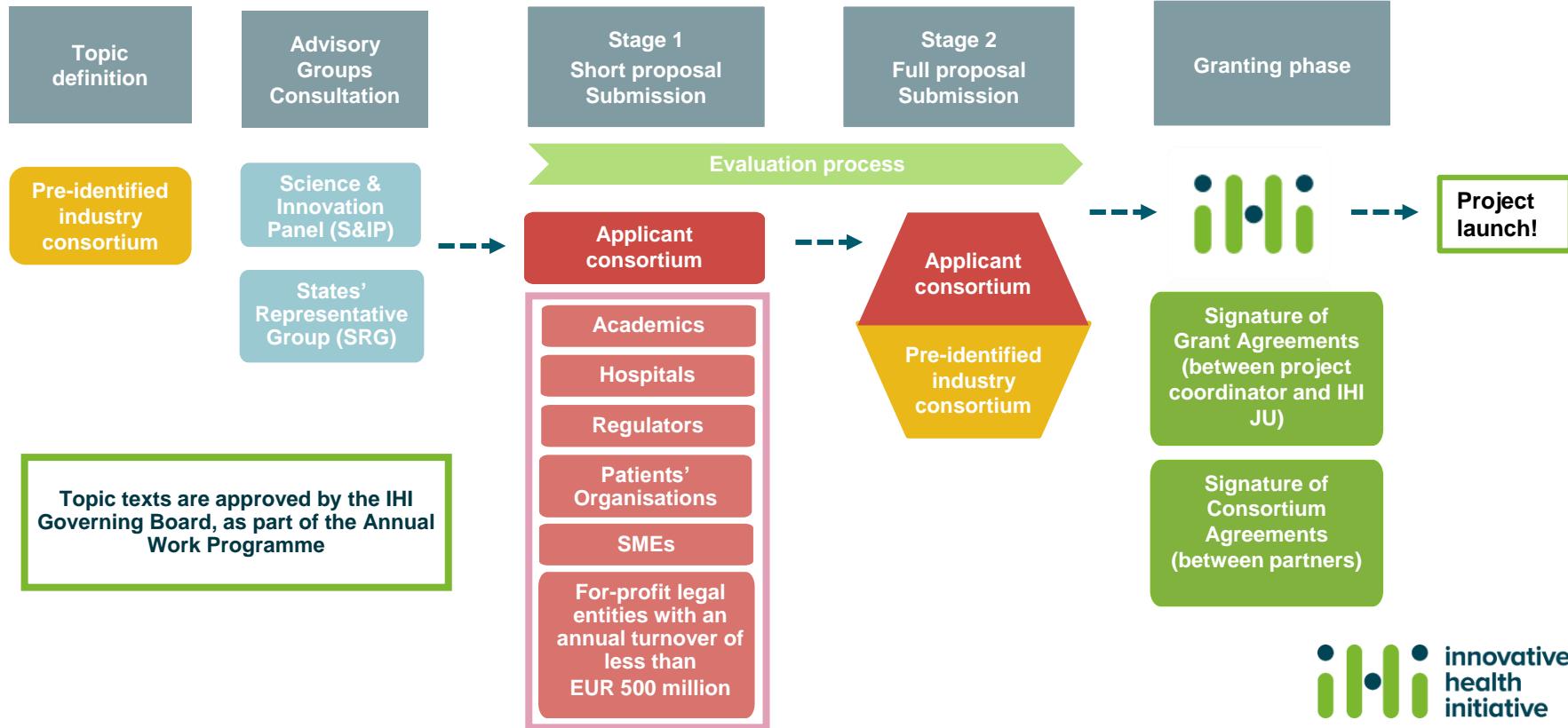
-*Indicative duration : 48 mois*

Topic 2: Setting a **harmonised methodology** to promote uptake of Early Feasibility Studies for clinical and innovation excellence in the European Union

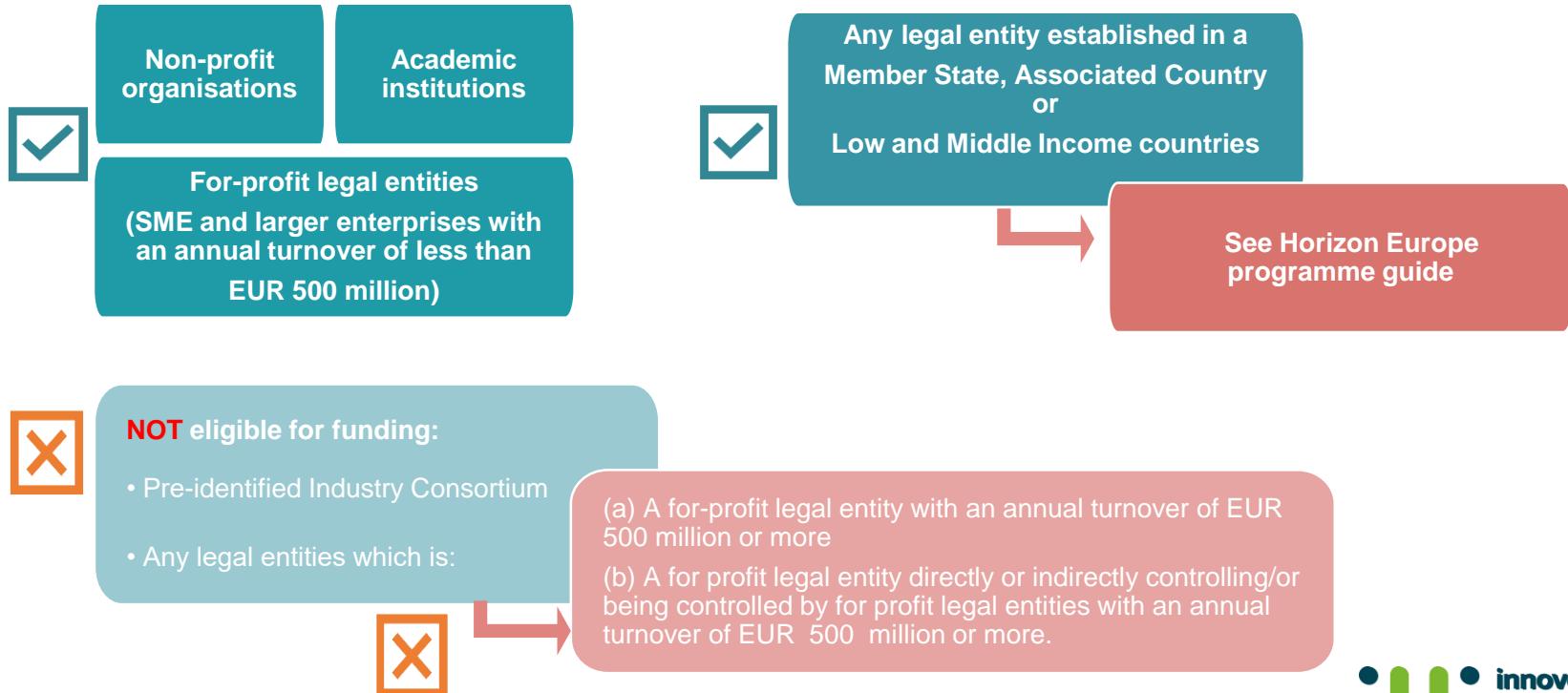
-*Budget : 12,5 M€*

-*Indicative duration : 48 mois*

How does IHI work? two-stage procedure



Eligibility rules: funding for two-stage Calls



Caractéristiques appels en 2 étapes

- **Targeted topics and budget are determined by Private Members**
- The **industry consortium is built first**, and then the public consortium is built separately
- Winning consortium is **coupled to Private Members' consortium** to prepare second stage full proposal
- Due to its nature of company-detailed topics, **Private Members of the industry pre-built consortium are not eligible for funding**
- **no funding will be made available for any company with annual turnover > 500M€**

Call 2 - two-stage – Indicative timelines

April 2022	• Publication of draft topics
mid-June 2022	• Launch of the Call
end-September 2022	• Call Submission Deadline - Short Proposals (SP)
October 2022	• Scientific evaluation - SP
end-November 2022	• Information to the applicants - evaluation outcome
end-February 2023	• Submission Deadline - Full Proposal (FP)
March 2023	• Scientific evaluation - FPs
April 2023	• Evaluation Outcome letters to the applicants
July 2023	• Grant Agreement Preparation (GAP) and GA signature

Participation des PMEs attendue dans IHI (1)

Call 1

- **Topic 1 (Neurodegenerative diseases)**
 - Health data platforms
 - Advanced analytical and workflow tools
- **Topic 2 (Cancer imaging)**
 - Innovative features of AI/ML-enabled tools used for diagnosis, prognosis, therapy planning, intervention, and follow up of cancer patients
- **Topic 3 (Personalised oncology)**
 - Diagnostic tools, biomarker analysis
 - Clinical study monitoring
- **Topic 4 (Heterogeneous health data)**
 - Health data platforms & analytical tools
 - Tools focussed on the needs of patients
 - Clinical (and other) decision support systems



Participation des PMEs attendue dans IHI (2)

Call 2



- **Topic 1 (Cardiovascular diseases)**

- Expertise in AI and software
- Expertise in devices and digital health

- **Topic 2 (Early Feasibility Studies)**

- Participation of SMEs is encouraged with the aim of ensuring a wide applicability of the methodology and valorising innovations of SMEs for the benefit of citizens. Moreover, SMEs, particularly those with expertise in **legal, regulatory and ethical matters**, are encouraged to join the consortium to support the development of relevant criteria for the methodology.

TROUVER DES PARTENAIRES

- Votre réseau
- Participer aux évènements organisés par IHI
- Utiliser les médias sociaux (LinkedIn or Twitter)
- Lorsque les appels sont publiés sur le “funding and tenders portal”:
Publier une offre d’expertise

More tips: www.ihieuropa.eu/apply-funding/find-partners

TOUTES LES INFOS SUR LES APPELS

<https://www.ihis.europa.eu/news-events/events/webinars-ihis-first-calls-proposals>

vendredi 10 juin 2022 (10:30-12:00) webinaire sur les règles et procédures de IHIS.

Vendredi 14 juin : brokerage event IHIS

Les webinaires sur les appels à projets en une seule étape :

- **Mercredi 15 juin 2022 (14:30-16:00)** : Next generation imaging and image-guided diagnosis and therapy for cancer
- **Mercredi 22 juin 2022 (10:30-12:00)** : Access and integration of heterogeneous health data for improved health care in diseases areas of high unmet public health need
- **Jeudi 23 juin 2022 (10:30-12:00)** : Personalised oncology: Innovative people-centred, multi-modal therapies against cancer
- **Jeudi 23 juin 2022 (14:30-16:00)** : An innovative decision-support system for improved care pathways for patients with neurodegenerative diseases and comorbidities

Les webinaires sur les appels à projets en deux étapes :

- **Jeudi 16 juin 2022 (14:30-16:00)** : Setting a harmonised methodology to promote uptake of early feasibility studies for clinical and innovation excellence in the European Union
- **Mercredi 22 juin 2022 (14:30-16:00)** : Cardiovascular diseases – improved prediction, prevention, diagnosis and monitoring

Contact: pcn-sante@recherche.gouv.fr



RETOURS D'EXPERIENCE

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