Call for a

BINATIONAL RESEARCH GRANT

**HDH x TERA**

Application form

**THEMATIC SCOPE -** *Please tick the theme addressed by your research proposal*

| Theme 1 : *development of AI-based applications for professionals or patients* |  |
| --- | --- |
| Theme 2 : *development of population models for prevention* |  |
| Theme 3 : *therapy based on innovative data analysis techniques* |  |
| Theme 4 : *development of solutions demonstrating benefits for treatment care* |  |

Content

[**1. KEY PROJECT FEATURES 4**](#_heading=h.17dp8vu)

**2.** [**PROJECT TEAM 5**](#_heading=h.3rdcrjn)

2[.1 Stakeholders 5](#_heading=h.26in1rg)

2[.2. Principal investigators 5](#_heading=h.3j2qqm3)

[**3. PROJECT OVERVIEW 6**](#_heading=h.1y810tw)

3[.1 Summary of research question 6](#_heading=h.4i7ojhp)

3[.1.1 Scientific background and research objective 6](#_heading=h.2xcytpi)

3[.1.2 Intended project output 6](#_heading=h.1ci93xb)

3[.1.3 Added value / expected benefits](#_heading=h.3whwml4) 7

3[.1.4 Innovativeness](#_heading=h.2bn6wsx) 7

3[.2 Summary of methodology](#_heading=h.3as4poj) 7

3[.2.1 Intended approach](#_heading=h.1pxezwc) 7

3[.2.2 Project feasibility and operational readiness](#_heading=h.2p2csry) 7

3[.2.3 Overview of research data](#_heading=h.if9jzdbiqzy6) 7

3.2.4 Details pertaining to data requested from the French national health data
 system (if applicable)7

3[.2.5 Access to research data](#_heading=h.erf7h2qm6t90) 9

3[.2.6 Intended strategy for data matching (where applicable) 9](#_heading=h.syp9piubduwj)

3[.3 Project scheduling](#_heading=h.23ckvvd) 9

3[.3.1 Key milestones](#_heading=h.ihv636) 9

3[.3.2 Budget](#_heading=h.1hmsyys) 9

3[.4 Open science](#_heading=h.jbufhrnb8pis) 10

# KEY PROJECT FEATURES

| **Project short name** |  |
| --- | --- |
| **Project detailed name** |  |
| **Relevant keywords** (max 5) |  |
| **Project duration** (max 18 months) | **XX months** |
| **Project start date** | **XX/XX/XXXX** |
| **Project end date** | **XX/XX/XXXX** |
| **Name and affiliation of French PI** |  |
| **Funding requested from HDH by French PI** | **XX XXX €** |
| **Name and affiliation of Israeli PI** |  |
| **Funding requested from Technion by Israeli PI** | **$ XX XXX**  |
|  |  |
|  |

### PROJECT SUMMARY

| [*Please briefly describe the research question and the intended methods to address it ; 200 words maximum*] |
| --- |

# PROJECT TEAM

## 2.1. Stakeholders

Please list in the table below all the institutions involved in the project, both from French and Israeli sides. Add as many lines as necessary.

| **Name of institution** | **Legal status** | **Role within the project**(head of project, co-owner of project, etc.) | **Role, as per GDPR**(data processor, data controller, data owner, sub-contractor, etc.) |
| --- | --- | --- | --- |
| [*Please specify*] | [*Please specify*] | [*Please specify*] | [*Please specify*] |
| [*Please specify*] | [*Please specify*] | [*Please specify*] | [*Please specify*] |
|  |  |  |  |

## 2.2. Operational team

Executing a research and innovation project is a collaborative effort that requires a high level of involvement from project owners. Please list in the table below the contacts accountable for the project within each of the institutions identified in table 2.1 (principal investigators, project managers and other relevant roles). Add as many columns / duplicate the table as necessary.

|  | **Contact 1** | **Contact 2** | **Contact 3** | **Contact 4** |
| --- | --- | --- | --- | --- |
| **First and last name** | [*Please specify*] | [*Please specify*] | [*Please specify*] | [*Please specify*] |
| **Occupation(s)** | [*Please specify*] | [*Please specify*] | [*Please specify*] | [*Please specify*] |
| **Primary affiliation with regards to the current project** | [*Please specify*] | [*Please specify*] | [*Please specify*] | [*Please specify*] |
| **Role(s) within the project** | [*Please specify*] | [*Please specify*] | [*Please specify*] | [*Please specify*] |
| **Relevant expertise** | [*Please specify*] | [*Please specify*] | [*Please specify*] | [*Please specify*] |
| **Commitment to the project** (as a percentage of global working time) | [*Please specify*] | [*Please specify*] | [*Please specify*] | [*Please specify*] |

Please join as an attachment to this application form a 1-pager short CV for each contact listed in the table above. These short CVs must be in English or French and include 3-5 selected references pertaining to the research topic.

# Project overview

## 3.1 Summary of research question

### 3.1.1 Scientific background and research objective

| [*Please briefly describe here the main purposes and challenges of your research proposal, supported with relevant numbers*] |
| --- |

### 3.1.2 Intended project output

| [*Please briefly describe here the expected results from your research proposal*] |
| --- |

### 3.1.3 Expected benefits

| [*Please briefly describe the expected benefits related to the thematic scope of this call for a grant :** *benefits in a short, médium, long term, supported with relevant numbers ;*
* *methodological contribution to secondary use of health data*]
 |
| --- |

### 3.1.4 Innovativeness

| [*Please briefly highlight the added value of your research proposal with regards to the state of art and current research gap*] |
| --- |

## 3.2 Summary of methodology

### 3.2.1 Intended approach

| [*Please briefly describe the approach chosen to address the research question :** *health data (including the type of data, population definition and sample size) ;*
* *other data, if any ;*
* *software and other tools (data access, cloud, manipulation and analysis) ;*
* *chosen method for data processing or analysis*]
 |
| --- |

### 3.2.2 Project feasibility and operational readiness

| [*Please briefly describe the research proposal status and if any work has already been carried out. Also specify how Israeli and French investigators intend to cooperate (e.g., through mutual visits, workshop, regular video conferencing)*] |
| --- |

###

### 3.2.3 Overview of research data

Please complete the table below to describe each source of data to be used as part of your research proposal. Duplicate this table for each database involved.

| **Database name** | [*Please specify*] |
| --- | --- |
| Domain and type of data | [*Please specify*] |
| Data controller | [*Please specify the data controller(s) for the database*] |
| Legal foundation of this database | [*Please indicate the legal bases of the database (data collected as part of medical care, as part of a research project, other). Where applicable specify the authorisation number issued by the relevant authority (e.g. CNIL for French data), its date, and for how long the data will be kept*] |
| Documentation | [*Please provide further information about this database (link to existing on-line documentation and/or attachment to the current application form)*] |
| Population definition, sample size and main variables | [*Please specify the targeted population in the database, the type of data (csv, images, etc.), the nature of the variables, population size, etc.*] |
| Historical range of data to be used | [*Please specify*] |
| Rationale for use of these data | [*Please explain why these data are required to carry out your research proposal :** *volume of data required to achieve the targeted level of performance and/or accuracy ;*
* *anticipated volume of data management / improvement ;*
* *selection of data producers*]
 |
| Readiness of database / data availability | [*Please specify*] |
| NIR presence (for French databases) | [*Yes / No*] |
| Matching key (where applicable) | [*If your research proposal involves matching databases, please specify the intended matching key*] |
| Expected data storage requirements | [*Please specify an order of magnitude for the volume of data to be handled (GB, TB)*] |

### 3.2.4 Details pertaining to data requested from the French national health data system (if applicable)

Project owners intending to use data from the French national health data system (i.e. base principale du SNDS) must complete the [dedicated requirement form](https://www.health-data-hub.fr/sites/default/files/2025-03/%5BTERA%5D%20EDB%20SNDS%2C%20vF.docx) and join it as an attachment to the current application form at the time of submission.

Characteristics of the population of interest (including, where applicable, the creation of a control population) should also be summarized in the table below :

| **Data requested from the French national health data system** |
| --- |
| Description of required data | [*Describe the required components (DCIR, PMSI MCO,PMSI HAD, PMSI SSR, PMSI RIM-P, causes of death, SIDEP, SIVAC etc)*] |
| Population definition, sample size and main variables | [*Specify the population targeted in the data, inclusion/exclusion criteria, estimated volume, etc., distinguishing between the scope of the data required for targeting and the scope required for external validation, if different and if applicable (e.g. control population)*] |
| Historical range of data to be used | [*Please specify*] |

### 3.2.5 Access to research data

| [*Specify if an IRB has already been identified or if your research proposal has already been submitted for / granted regulatory approval.**If not, please describe your understanding of the data access procedures pertaining to your research proposal*] |
| --- |

### 3.2.6 Intended strategy for data matching

| [*Describe the intended matching strategy, if known, and in particular the type of matching foreseen. Describe any anticipated bias in the event of an incomplete match. Please, specify if you have the experience and tools required to carry out this matching, or if support is required in this area? This information will be used to assess the viability of the project*] |
| --- |

##

## 3.3 Project scheduling

### 3.3.1 Key milestones

| [*Please share a schedule of the key milestones associated with your research proposal, in order to attest its feasibility within the given time. Describe this schedule in the following format: workpackage, activities, milestones and partners involved in the key phases identified*] |
| --- |

### 3.3.2 Budget

Preexisting funding which may have benefited to your research proposal must be detailed below, if any, including the name of the funder and the level of funding.

| [*Please briefly describe preexisting funding which may been granted to your research proposal, if any*] |
| --- |

Specifications relating to funding from the HDH and thus applicable to French investigators are detailed within the “[HDH terms for funding](https://www.health-data-hub.fr/sites/default/files/2022-07/HDH%20Reglement%20financier%20modalites%20attribution%20financements.pdf)” and must be taken into consideration carefully before submission of project proposals.

**French principal investigator must comprehensively fill the “budget form” in and join it as an attachment to the current application form at the time of submission**.

Total amount of funding requested from the HDH by French investigators must be specified in the table below. A breakdown of the main categories of expenses, along with corresponding subtotals, also has to be provided within the [dedicated budget form](https://www.health-data-hub.fr/sites/default/files/2025-02/%5BTERA%20x%20HDH%5D%20Annexe%20financi%C3%A8re.xlsx) :

| [*Please detail total amount of funding requested from the HDH, along with main categories of expenses (e.g. personnel costs, equipment costs) and corresponding amounts, in €*]  |
| --- |

Specifications relating to funding from TERA and specifically applicable to Israeli investigators should be documented within the [dedicated budget form](https://www.health-data-hub.fr/sites/default/files/2025-02/%5BTERA%20x%20HDH%5D%20Israeli%20budget%20request%20form.xlsx).

Total amount of funding requested from Technion by Israëli investigators must be specified below. A breakdown of the main categories of expenses, along with corresponding subtotals, also has to be provided :

| [*Please detail total amount of funding requested from Technion, along with main categories of expenses (e.g. personnel costs, equipment costs) and corresponding amounts, in $*.] |
| --- |

## 3.4 Open science

Open data, open source and open science are deemed key principles to the current binational research grant jointly operated by the Health Data Hub and TERA. The jury will therefore take into consideration how research proposals will contribute to these values.

A detailed definition of open source could be found at [https://okfn.org](https://okfn.org/en)

| [*Please specify the elements (data, documentation, programs or final results) you are prepared to open, and any licenses you intend to use. These must be permissive.**Specify whether and how you wish to allow the Health Data Hub to make these elements available directly on its technology platform.*] |
| --- |