|  |  |
| --- | --- |
|  | **aviesan.jpg** |
|  | |  |  | | --- | --- | |  | **ITMO Génétique, génomique, bioinformatique** |   PNMR3 |

**Programme d’investissements d’avenir (PIA)**

**APPEL A PROJETS 2020**

**2020 CALL FOR PROPOSALS**

**Maladies Rares**

**Résoudre les impasses diagnostiques**

**Rare Diseases: Resolving diagnostic deadlock**

**DOSSIER DE CANDIDATURE**

**EN ANGLAIS OBLIGATOIREMENT**

**APPLICATION FILE**

**STRICTLY IN ENGLISH**

**Adresse de consultation de l’appel**

<https://eva3-accueil.inserm.fr/sites/eva/Pages/default.aspx>



**Submission deadline**

**November 23, 2020 at 5 pm (Paris time)**

Pilotage scientifique :

****

Content

[1. Part 1 – Application Summary 3](#_Toc53475024)

[1.1. Project ID 3](#_Toc53475025)

[1.2. Abstract, Keywords 3](#_Toc53475026)

[1.3. Relevance of the project with the challenges of the call for proposals 3](#_Toc53475027)

[2. Part 2 – Applicant Details 4](#_Toc53475028)

[2.1. Project Coordinator 4](#_Toc53475029)

[2.2. List of associated teams 4](#_Toc53475030)

[3. Part 3 – Project outline 5](#_Toc53475031)

[3.1. Scientific project 5](#_Toc53475032)

[3.2. Calendar for key stages 5](#_Toc53475033)

[3.3. Budget justification 5](#_Toc53475034)

[3.4. Skills and/or expertise in the area of the call for proposals 5](#_Toc53475035)

[4. Part 4 - Signatures 6](#_Toc53475036)

[4.1. Project Coordinator 6](#_Toc53475037)

[4.2. Associated teams 6](#_Toc53475038)

# Part 1 – Application Summary

## Project ID

|  |  |
| --- | --- |
| Acronym |  |
| Project title |  |
| Scheduled duration of the project (month) |  |
| Number of associated teams (all teams) |  |
| Total amount requested from Inserm (all teams) |  |

## Abstract, Keywords

**Abstract** (maximum ½ page)

**Keywords** (5 maximum)

## Relevance of the project with the challenges of the call for proposals

1°) Tick one or more challenges as appropriate

**Challenge 1** / *Défi 1*

**Identification, interpretation and characterization of genome structural variations or variations of sequences located in non-coding regions of the genome /** *Identification, interprétation et caractérisation des variations structurales du génome ou de variations de séquence situées dans les régions non codantes du génome*

**Challenge 2 /** *Défi 2*

**Identification of pathogenic variations in the sequence or structure of the genome using in-vivo and ex-vivo functional studies in cell and / or animal models /** *Identification du caractère pathogène des variations de séquence ou de structure du génome par des études fonctionnelles in et ex-vivo dans des modèles cellulaires et/ou animaux*

**Challenge 3 /** *Défi 3*

**Identification of molecular signatures for diagnostic purposes using a "multi-omics" approach /** Identification *de signatures moléculaires à visée diagnostique par approche « multi-omics »*

**Challenge 4 /** *Défi 4*

**Identification of variations involved in very rare diseases or oligogenic forms of rare diseases using novel biostatistics, bioinformatics and mathematics approaches** */ Identification des variations impliquées dans des maladies très rares ou des formes oligogéniques de maladies rares par de nouvelles approches biostatistiques, bioinformatiques et mathématiques*

**Challenge 5 /** *Défi 5*

**Identification of the pathogenicity of very rare coding variations using modeling approaches /** *Identification par modélisation du caractère pathogène des variations codantes très rares*

2°) Highlight the links between your project and the selected challenges.

# Part 2 – Applicant Details

## Project Coordinator

Information below must be **strictly identical** to those provided in the administrative form (to be filled online on the EVA3 website).

|  |  |
| --- | --- |
| Last name of the Project Coordinator |  |
| First name of the Project Coordinator |  |
| Position |  |
| Phone number / Email address |  |
| Name of the research laboratory and Institution |  |
| Head of the laboratory |  |
| Laboratory postal address |  |
| City |  |

## List of associated teams

|  |  |
| --- | --- |
| Team 2 | Name of Principal Investigator:  Position:  Phone number / Email address:  Name of the laboratory and Institution:  Address: |
| Team 3 | Name of Principal Investigator:  Position:  Phone number / Email address:  Name of the laboratory and Institution:  Address: |
| Team 4 | Name of Principal Investigator:  Position:  Phone number / Email address:  Name of the laboratory and Institution:  Address: |
| Team | Name of Principal Investigator:  Position:  Phone number / Email address:  Name of the laboratory and Institution:  Address: |

*Add teams if relevant.*

# Part 3 – Project outline

## Scientific project

This part (10 pages maximum, Arial 10) must be written **in English** and shall include in particular the following points:

* Issue, hypothesis and objective(s) of the project,
* Positioning of the work in the context of current knowledge,
* Detailed description of the methodology and of the techniques implemented,
* Plan for executing the project, describing:
  + the role of each team,
  + the identification of the key stages,
  + the methods for coordinating the project and for quality control,
* Expected results

## Calendar for key stages

A calendar of key stages must be presented. This calendar will be the primary element for monitoring results.

## Budget justification

Justify in a precise way the requested budget, in particular the requests for temporary staff.

## Skills and/or expertise in the area of the call for proposals

Provide in a single document the CVs of the coordinator and of each team manager (provide as an attached document, **in a single file).**

# Part 4 - Signatures

The application shall be signed by the Project Coordinator, its unit manager and the managers of each team involved.

## Project Coordinator

|  |
| --- |
| **Signature of the project coordinator** |
| I the undersigned, (last and first name of the project coordinator):  confirm the feasibility of the project as described in the application file.  Signature: Signed in on |

|  |
| --- |
| **Signature of the director of the laboratory that hosts the project coordinator** |
| I the undersigned, (last and first name of the director of the laboratory):  authorize Mr or Mrs \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  to develop and coordinate this project and agree to allow this person to carry it out.  Signature: Signed in on |

## Associated teams

|  |
| --- |
| **Signature of the manager of Team 2** |
| I the undersigned, (last and first name):  confirm my participation in the project coordinated by :  as a participating team.  Signature: Signed in on |

|  |
| --- |
| ***Signature of the director of the laboratory that hosts the Team 2*** |
| I the undersigned, (last and first name of the director of the laboratory):  authorize Mr or Mrs \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  to participate to this project and agree to allow this person to carry it out.  Signature: Signed in on |

|  |
| --- |
| ***Signature of the manager of Team 3*** |
| I the undersigned, (last and first name):  confirm my participation in the project coordinated by :  as a participating team.  Signature: Signed in on |

|  |
| --- |
| ***Signature of the director of the laboratory that hosts the Team 3*** |
| I the undersigned, (last and first name of the director of the laboratory):  authorize Mr or Mrs \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  to participate to this project and agree to allow this person to carry it out.  Signature: Signed in on |

|  |
| --- |
| ***Signature of the manager of Team 4*** |
| I the undersigned, (last and first name):  confirm my participation in the project coordinated by :  as a participating team.  Signature: Signed in on |

|  |
| --- |
| ***Signature of the director of the laboratory that hosts the Team 4*** |
| I the undersigned, (last and first name of the director of the laboratory):  authorize Mr or Mrs \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  to participate to this project and agree to allow this person to carry it out.  Signature: Signed in on |

*Add tables if relevant*