## PHRT – Pioneer Projects Proposal Form 2019

## Part 1: General Information

**1. Basic data**

|  |  |
| --- | --- |
| **Project title** |       |
| **Amount requested CHF****(max. CHF 500’000.-)** |       |
| **Starting date**  |       |
| **Duration** |       |
| **Main Applicant**Surname, first nameAcademic degreeInstitution |  |

It the main applicant is not from an institution of the ETH/EPF domain:

|  |  |
| --- | --- |
| **Relais person from the ETH/EPF domain**Surname, first nameAcademic degreeInstitution |  |

The applicant hereby confirms that all the information provided in all parts of this proposal, including the attachments, is true and correct. They were prepared with the consent of the persons involved.

|  |  |
| --- | --- |
| Place, date:       | Signature: |

*Please sign this page, scan it and add it to the PDF of the proposal.*

**2. Applicant’s personal data**

*Please use «tab» to move from one field to the next*

**2.1. Main Applicant** [ ]  **clinical and / or medical partner**

|  |  |
| --- | --- |
| Surname, first nameAcademic degreePositionDate of birthNationality |                       Gender            |
| Social Security Number |       |
| Institute/DepartmentUniversity/InstitutionStreet, NrPC, CityDirect lineOffice lineE-mail |                                          |

**2.2. Co-Applicant 1:** [ ]  **clinical and / or medical partner**

|  |  |
| --- | --- |
| Surname, first nameAcademic degreePositionDate of birthNationality |                       Gender            |
| Institute/DepartmentUniversity/InstitutionStreet, NrPC, CityDirect lineOffice lineE-mail |                                               |

**2.3. Co-Applicant 2:** [ ]  **clinical and / or medical partner**

|  |  |
| --- | --- |
| Surname, first nameAcademic degreePositionDate of birthNationality |                       Gender            |
| Institute/DepartmentUniversity/InstitutionStreet, NrPC, CityDirect lineOffice lineE-mail |                                               |

**3. Thematic orientation and scientific networks**

|  |  |
| --- | --- |
| **Discipline(s)** |       |
| **Keywords** |       |
|  |  |
| **International collaboration** | [ ]  yes [ ]  no |
| If yes, with which persons/groups/institutions? |       |
| In which context? |       |
| In which countries? |       |
|  |  |
| **National collaboration** | [ ]  yes [ ]  no |
| If yes, with which persons/groups/institutions? |       |
| In which context? |       |

**4. Research requiring authorizations or notifications**

Please answer all the following questions. If applicable, complete the appropriate forms and attach them, together with the required authorizations and notifications, to the grant application form. Please note that funds will not be released until all necessary permissions and authorizations have been obtained

**4.1 The project involves research on humans.**

(Projects on human subjects, studies using human tissue samples or individual medical data)

|  |  |  |
| --- | --- | --- |
| [ ]  Yes | → Enclose the form *Research on humans* | [ ]  No |

**4.2 The project involves research on vertebrates, decapods or cephalopods.**

|  |  |  |
| --- | --- | --- |
| [ ]  Yes | → Enclose the form *Research on animals* | [ ]  No |

**4.3 The project involves research on pathogens or genetically modified
organisms.**

("GMO" as defined in the *Ordinance on the contained use of organisms* CO, Art. 3C) and Annex 1. Pathogens are organisms that can harm humans, animals and plants;

 )

|  |  |  |
| --- | --- | --- |
| [ ]  Yes | → Enclose the form *GMO and pathogens*. | [ ]  No |

**4.4 The project involves research on human embryonic stem cells.**

|  |  |  |
| --- | --- | --- |
| [ ]  Yes | → Enclose the form *Human embryonic stem cells* | [ ]  No |

## PHRT – Pioneer Projects Proposal Form 2018

## Part 2: Scientific and Technical Information

a. **Summary:** concise statement of the goals, milestones and significance of the
project
**(1-2 pages)**

b. **International standing of all applicants in their fields of research**
**(max 2-3 pages in total)**

c. **Project plan**
**(maximum 5 pages in total; CVs and references not included.
Note: any pages exceeding 5 will not be considered).**

 c.1. Background and **state of the art** relevant to the project

 c.2. **Goals** of the project: explanation of the clinical question(s) including relation to the clinical samples

 c.3. **Clinical samples**: IRB (ethical) approval (consent for multi –omics research), number of samples (disease and control), state and quality of the samples, metadata, additionally available data and information, possibly required preparation to be sequenced by the two platforms
***NOTE:*** *Applicants are strongly recommended to contact as early as possible both platforms to clarify the suitability of their samples and strategies (****blood plasma or FFPE samples cannot*** *be analyzed the context of this pioneer grant since the focus is on matched genome, transcriptome and proteome data analysis).*

 c.4. **Data management** (integration/implementation), strategy of data processing

 c.5. **Description of the consortium**, role of the main and each co-applicant

 c.6. Expected **impact and significance**

 c.7. **Bibliography**

**Attachments:**

|  |
| --- |
| [ ]  **CV** and **publication list** of the past 5 years of all applicants [ ]  Potential **reviewer** (positive and negative list)[ ]  **Relation**(s) of the proposal to [SPHN](https://www.sphn.ch/en/projects.html) or [PHRT](https://www.sfa-phrt.ch/approved) **projects approved in 2017 and 2018** if there is any[ ]        |

**Applicants for Pioneer Projects are required to:**(Checkbox)

|  |
| --- |
| [ ]  provide a **clearly formulated clinical question** that is expected to be addressable with the data resulting  from the project. Explorative studies without clear clinical focus are outside of scope. [ ]  explain the aims of the project, **specific goals** and **clinical endpoints**.[ ]  ensure that **consent for multi-omic experiments** has been given.[ ]  provide **ethical approval** for all samples at time of application.[ ]  document that a sample cohort achieving **statistical significance** is available at the time of application  or within 3 months of the intended start date. As a guide, such studies typically include minimally 100  samples plus controls. [ ]  demonstrate that the **samples are homogeneous**, of **high quality** and available at the start of the project  or within 3 months of the intended start date.[ ]  demonstrate the availability of **relevant clinical meta data** of the sample cohort to allow the association  of the molecular profiles with clinical data. [ ]  demonstrate that the **samples can be delivered** to the respective platforms within 3 months of positive  funding decision. [ ]  provide a **clear description** how the **high dimensional data** will be processed and used to gain new  and relevant clinical knowledge[ ]  provide a **plan for data management and ownership** [ ]  provide a **detailed budget for the project**, using the fees per sample of the respective PHRT platforms  as guidance. [ ]  **clinical trials** can be included if they fulfil the criteria stated above.[ ]        |

## PHRT – Pioneer Projects Proposal Form 2019

## Part 3: Budget

PHRT will fund Pioneer Projects up to a **maximum of CHF 500,000** to be used for sequencing, data analysis, clinical services (only in rare cases), and miscellaneous.

Note: PHRT funding can only go to PHRT Technology Platforms and ETH Domain research groups. As an exception, hospitals, universities can request PHHRT funds for “clinical services” (e.g. to prepare samples or compile clinical meta data).

**Consolidated PHRT Budget**

Specify the consolidated numbers is the detailed financial plan (one for each institution requesting PHRT funding) using the template on the [PHRT website](http://www.sfa-phrt.ch/3rd-call-documents).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sequencing @ Platforms** | **Computational Analysis** | **Clinical Services** | **Miscellaneous** | **Total** |
|       |       |       |       |       |

**Full Cost Budget of this Pioneer Project Proposal**

|  |  |
| --- | --- |
| 1. funding requested from **PHRT**
 |       |
| 1. **own contributions** from the institutions (in cash and / or in kind)
 |       |
| 1. funds **(2nd party)** directly linked to the project approved from competitive research institutions (SNSF, CTI, EU, NIH, etc)
 |       |
| 1. private funds **(3rd party)**: collaboration with private sector (industry, SMEs, foundations and others)
 |       |
| **Total** |  |