# Application Template – not valid for application

## Select what you want to apply for

## Proposal Details

Research Project Title:

Project Acronym (*):

Keywords (*):

Affiliation and Address of the Principal Investigator (*):

500 characters remaining

Research team members and their respective roles:

2000 characters remaining



### Previous work

Description of previous work relevant to the EASI-Genomics Transnational Access Call:

2000 characters remaining

Publications of the applicant or applicant team. Please list up to 5 publications in the area of the project in the last 5 years:

### Proposal

Background/Introduction (*):

1200 characters remaining

Experimental Design (*):

1200 characters remaining

Objectives (*):

1200 characters remaining

Methodologies (*):

1200 characters remaining

Support expected from EASI Genomics (*):

1200 characters remaining

Do you have access to sequencing on-site? If yes, what is the expertise that the EASI-Genomics facility can provide that you are lacking on-site? (*):

- ○ Yes
- ◉ No

Expected Results (*):

1200 characters remaining

Impact (*):

1200 characters remaining

Translational and business development potential:

1200 characters remaining

Any further comments about the proposal:

1200 characters remaining

Additional funding sources available for project? If yes, please describe which ones:

1200 characters remaining

Have you contacted any facility(ies) directly that provide(s) the service(s) of interest for your project to discuss the feasibility of your project? (highly recommended) (*):

## Samples

Sample Number (*):

Sample Species (*):

Sample Type (*):

Sample Source (*):

Sample quality of purified nucleic acids:

Sample amount available (purified nucleic acids):

Concentration of the purified nucleic acids:

Specific description of samples:

1200 characters remaining

Biosafety or biosecurity terms and conditions of use (if any) (*):

- ○ Yes
- ◉ No

Sample availability (*):

## Bioinformatics support

Will you require bioinformatics/biostatistics support for study design and/or data analysis? If yes: please describe analysis plan/or mark list:
Additional description of bioinformatics support:

1200 characters remaining

If yes: What is the added value of the bioinformatics support of the EASI-Genomics facility (e.g. expertise, collaboration)?

If no: Who will be providing other bioinformatics/statistical support (please provide name, position, institution and funding)?

1200 characters remaining

Have any of the samples previously been used to generate sequence information? If yes, please describe objectives, methods and results of this analysis:

- ○ Yes
- ◉ No



# Ethics section - ELSI and RRI rules

The following sections intend to perform an Ethics Check of your application. Relevant documentation demonstrating compliance with applicable frameworks will be requested. However, in exceptional cases EASI Genomics may grant a further delay to provide the necessary documentation, if the situation justifies it. EASI Genomics holds the right to assess, which situation justifies it or not, and will retain the possibility to reject the application at any time if the further delay is not respected.

## Research on embryo/fetus

EASI-Genomics does not accept projects involving human embryos nor human embryonic stem cells. hiPSC derived from such materials could nevertheless qualify.

a) Does the proposed research involve human Fetal Tissues/Cells? (*)

- ○ Yes
- ◉ No

b) Does the proposed research involve human Embryonic Stem Cells? (*)

- ○ Yes
- ◉ No

c) Does the proposed research on human Embryonic Stem Cells involve cells in culture? (*)

- ○ Yes

◉ No

d) Does the proposed research on human Embryonic Stem Cells involve the derivation of cells from Embryos? (*)

○ Yes

◉ No

e) Does the proposed research use human induced pluripotent stem cells? (*)

○ Yes

◉ No

## Research on humans

a) Does the proposed research involve children? (*)

○ Yes

◉ No

b) Does the proposed research involve patients? (*)

○ Yes

◉ No

c) Does the proposed research involve patients in emergency situations? (*)

○ Yes

◉ No

d) Does the proposed research involve adults not able to give consent? (*)

○ Yes

◉ No

e) Does the proposed research involve adult healthy volunteers? (*)

○ Yes

◉ No

f) Does the proposed research involve human genetic material? (*)

○ Yes

◉ No

g) Does the proposed research involve human biological samples? (*)

○ Yes

◉ No

h) Does the proposed research involve genetically edited human tissues/cells? (*)

○ Yes

◉ No

i) Does the proposed research involve human data collection? (*)

○ Yes

◉ No

If yes to any of the questions on research in humans, please upload required documents here (*):

○ Yes

◉ No

Ethics requirements for research on humans:
1. Copies of relevant documents for research in humans (e.g. Ethics approval; National authority declaration/authorisation…)
2. Templates of informed consent/assent forms
3. Copies of authorisation/relevant documents for human cell/tissues collection and use
4. Information about possible harm to the environment related to the use of the material (e.g. biosecurity, biosafety levels and instructions for recipient Facilities). If you cannot provide documentation at this point, please upload a justification.

## Research on animals

a) Does the proposed research involve research on animals? (*)

○ Yes

◉ No

b) If yes, please choose from the list:

c) Does the proposed research involve research on animal samples?

○ Yes

◉ No

If yes to any of the questions above, please upload required documents here (*):

○ Yes

◉ No

Ethics requirements for research on animals:
1. Copies of relevant authorizations for animal experiments regarding compliance with procedures for animal welfare and adherence to the three Rs principles.
2. Information about possible harm to the environment (e.g. biosecurity, biosafety levels and instructions for recipient Facilities)
3. Check whether the bio-resource used in your project needed a declaration of utilization as imposed by the EU ABS Regulation (EU Regulation 511/2014), and in compliance with your National implementing law. Note: The ABS Clearing House website helps you find information about ratifying countries' frameworks and contacts of Focal National Contact Points.
4. Copies of relevant declaration / authorisation required under National laws implementing the EU ABS Regulation or, if not applicable, a short explanation. If you cannot provide documentation at this point, please upload a justification.



## Research on plants

a) Does the proposed research involve research on plants? (*)

○ Yes

◉ No

b) If yes, please choose from the list:

c) If yes to any question on research on plants, please upload required documents here (*):

○ Yes

◉ No

Ethics requirements for research on plants:
1. Check whether the bio-resource used in your project needed a declaration of utilization as imposed by the EU ABS Regulation (EU Regulation 511/2014) and in compliance with your National implementing law. Note: The ABS Clearing House website helps you find information about ratifying countries' frameworks and contacts of Focal National Contact Points.
2. Copies of relevant declaration / authorisation required under National laws implementing the EU ABS Regulation or, if not applicable, a short explanation.
3. Information about possible harm to the environment (e.g. biosecurity, biosafety levels and instructions for recipient Facilities). If you cannot provide documentation at this point, please upload a justification.

## Research involving ancient DNA

Does the proposed research involve research with ancient DNA? (*)

○ Yes

◉ No

If yes, please upload required documents here (*):

○ Yes

◉ No

Ethics requirements for research on ancient DNA:
1. Check whether the bio-resource used in your project needs a declaration of utilization as imposed by the EU ABS Regulation (EU Regulation 511/2014) and in compliance with your National implementing law. Note: The ABS Clearing House website helps you find information about ratifying countries' frameworks and contacts of Focal National Contact Points.
2. Copies of relevant declaration/authorisation required under National laws implementing the EU ABS Regulation or, if not applicable, a short explanation. If you cannot provide documentation at this point, please upload a justification.

## Research involving the use of genetic resources of non-human origin

Does the proposed research involve the use of genetic resources (fungi, bacteria, protists, etc)?

○ Yes

◉ No

Does the proposed research involve the use of local resources (genetic, animal, plant, etc.)? (*)

○ Yes

◉ No

Is the proposed research of benefit to local communities? (*):

○ Yes

◉ No

If yes, please lease upload required documents here (*):

○ Yes

◉ No

Ethics requirements for research involving genetic resources of non-human origin:

1. Check whether bio-resource used in your project needs a declaration of utilization as imposed by the EU ABS Regulation (EU Regulation 511/2014) and in compliance with your national implementing law. Note: The ABC Clearing House website helps you find information about ratifying countries. If you cannot provide documentation at this point, please upload a justification.

## Research involving Developing Countries

Does the proposed research have direct military use or potential for terrorist abuse?

- ○ Yes
- ◉ No

If yes, please upload documents here. (*):

- ○ Yes
- ◉ No

Ethics requirements:
1. Copies of export licenses for concerned goods and information used and produced in your research. Note: For cross-border transfers of dual-use materials, technologies and information, you must observe the EU Export Control Regulation No 428/2009. If you have any doubts, you should consult the relevant national export control authority to clarify whether transfer licenses are needed. If you cannot provide documentation at this point, please upload a justification.

## Privacy

a) Does the proposed research involve processing of genetic information or personal data (e.g. health, sexual lifestyle, ethnicity, political opinion, religious...) according to your National law? (*) :

- ○ Yes
- ◉ No

Ethics requirements:
- If no to question a): Statement from designated DPO confirming that data is not to be considered as personal data under national law (email is sufficient)
- If yes to question a) Templates of the informed consent forms and information sheets (in language and terms intelligible to the participants).
If you cannot provide documentation at this point, please upload a justification.

b) If yes to question a) does your national law require a declaration/authorization from national competent authority for collecting and processing data? (*)
Ethics requirements:
No/does not apply: Statement from designated DPO that personal data processing is compliant with EU / National applicable law (email is sufficient).
Yes: Copies of declaration to / authorisation from competent national authorities confirming compliance with applicable National law.
If you cannot provide documentation at this point, please upload a justification.

c) If yes to question a) does your research involve personal data originating from non-EU/EEA countries?

- ○ Yes

◉ No

Ethics requirement, if yes to the question above:
Copies of necessary authorisations allowing processing within the EU or statement from designated DPO confirming compliance with applicable laws and Chapter V of GDPR (email is sufficient).
If you cannot provide documentation at this point, please upload a justification.

## Sex and/or gender aspects in research

If relevant, describe how sex and/or gender is taken into account in the design of this project:

## Ethnicity

If relevant, describe how ethnicity and genetic background is taken into account in the design of this project:

## Diversity

If relevant, describe how diversity is taken into account in the design of this project:

## Statement. Check each box, if true.

☐ The researcher agrees to be the principal investigator of the submitted project, as it is described in the present application, and confirms that

☐ The relevant authorisations, declarations and accreditations from competent authority(ies) have been obtained by the applicant in order to process the above-mentioned samples and data through EASI-Genomics, for the requested purposes, in full compliance with the applicable EU and National laws

☐ If the project requires official ethical review and approval (according to EU and your home country laws and guidelines), the applicant can provide EASI Genomics with official documents approving the samples and study to be done

☐ Samples were obtained with the corresponding approval of the Bioethics Committee and appropriate signed 'informed consent', both for collection and for their use, including conservation and manipulation/sequencing by EASI Genomics partner facilities

☐ The 'informed consent' allows that anonymized samples, sequencing data and results are included in internal databases and distributed in secure controlled Access databases such as the European Genome-phenome Archive (EGA)

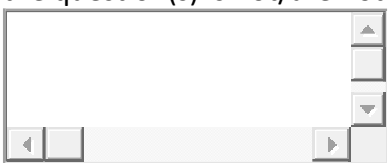
☐ An English translation of the template used for gathering the individuals' 'informed consent' is available for EASI Genomics partner facilities

☐ Data generated within this project will be made available to the community through adequate public repositories, and following the FAIR principles for data sharing

☐ All publications resulting or including data obtained through EASI-Genomics will be published under Open Access

☐ Legal requirements for exporting/importing materials to/from other countries have been met

If you have not checked a or several of the question(s) in the section above, please explain why the question(s) is not/are not applicable for your project application:



**EASI-Genomics outreach**

☐ I hereby consent to be contacted by EASI-Genomics about EASI-Genomics-related activities

☐ I hereby consent to be contacted by EASI-Genomics about future calls

☐ I hereby consent to be contacted by EASI-Genomics about surveys

☐ I hereby consent to be contacted by EASI-Genomics about meeting announcements.