**Form for CELPHEDIA project call 2023**

**Please, send back the form by email before March 27th, 6 p.m. to:**

[**celphedia@igbmc.fr**](mailto:celphedia@igbmc.fr)

The complete form should not exceed more than 5 pages (no annex); One form per project.

Funding can only be allocated to infrastructure centers, not preventing collaboration with other network centers.

Funding is exclusively dedicated to consumables, equipment and animal models.

#### 1. **Work group** (select the best topic related to the project)

**WP 1.1 Coordination - Communication WP 1.2 Operating statement - Administration WP 1.3 Training**

**WP 2.1 Genetic engineering WP 2.3 Genotyping**

**WP 3.1 Zootechnics WP 3.2 Cryopreservation – Archiving WP 3.3 Ethics & Animal welfare**

**WP 4.1 Rodent phenotyping WP 4.3 Multi-scale projects**

#### 2. **Title of the project:**

#### 3. **Strategic objectives related to the project** (cross out inappropriate objectives)

* 1. **Reinforce the quality of material resources** with the monitored creation of genetically altered and certified model organisms.
  2. **Evaluate the impact of the environment, the exposome,** for the understanding of the phenotype, especially during the ageing, the interactions with the microbiota, the infections and during the early stage of diseases.
  3. **Define and use qualified robust experimental methods, cross-validated between centres,** in the state of the art in preclinical research (ex « ARRIVES » recommendations, EUMORPHIA protocols) and in scientific integrity.
  4. **Manage multi-scale transitions:** model organisms – organs – tissues – cells, through the development of non-invasive ground-breaking methods to analyze biological mechanisms.
  5. **Answer one of the 3Rs rules:** reducing, refining, replacing

If the project does not meet any of these objectives, it must be oriented towards one of CELPHEDIA's fields of activity: genetic engineering, zootechnics, phenotyping, archiving or distribution.

#### 4. **Context:** **Type of application (resource, methodological or technological development, etc…)** (1/4 page max)

#### 5. **Global objectives: Scientific and technological issues.** (1/4 page maximum)

#### 6. **Specific short-term objectives of the Celphedia application. If applicable, define plus-value of the Celphedia project for the global project (preliminary data to launch project, last experiments before publication or service, methodological optimization, replication of experiment, technological tuning, etc…).** (1/4 page maximum)

#### **7. Methodology** (1/2 Page). Please list shortly different types of methodologies used in the global project. Provide a specific focus on methodologies being the object of the Celphedia application.

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#### 7. **Specific tasks planned in 2023** (1/2 Page maximum). Projects will be evaluated the year after on the basis of a report on these tasks (successful or not).

#### 8. **Specific impact and exploitation of the Celphedia project** for the centres (preliminary data gathered for project application, new method, new resource, new service, publication etc**…), synergy between centres, benefits for Celphedia members and the scientific community**(1/4 page maximum) .

#### 9. **People involved in the project** (Last name, First name, Center, Part in the project)

Project leader 1:

Project leader 2:

Project partner:

Project partner:

Project partner:

Project partner:

#### 10. **Estimated costs for the project** (8 - 10 lines maximum)

Consumable:

Equipment:

Others: