# E1 – Supplement for animal experiments in a subproject

# *Subitems for item 4. Work plan (Part B):*

*If animal experiments are carried out in a subproject, please comment on the following points that refer to the ARRIVE Guidelines or explain why these points do not have to be observed. Two additional pages can be inserted for these subitems.*

# 4.1. Animal studies

***Background and objectives:***

*Explain the experimental approach and rationale; and how the animal model being used can address the scientific objectives, explain the study’s relevance to human biology.*

***Methods****:*

* 1. *Study design (number of experimental and control groups, steps to minimise the effects of subjective bias, experimental unit).*
  2. *Experimental procedures (drug formulation and dose, anaesthetics and surgical procedures, equipment – How, When, Where, Why);*
  3. *Experimental animals (species, strain, sex, developmental stage, age, weight, source of the animals, genetic modification status, etc.);*
  4. *Housing and husbandry (type of facility e.g. specific pathogen free [SPF]; type of cage or housing; bedding material; number of cage companions, type of food, access to food and water, environmental enrichment etc.)*
  5. *Sample size*
* *specify the total number of animals used in each experiment, and the number of animals in each experimental group;*
* *provide details of any sample size calculation used. Indicate the number of independent replications of each experiment, if relevant.*
  1. *Allocating animals to experimental groups (details of how animals were allocated to experimental groups, including randomisation or matching if done; order of treatment and assessment)*
  2. *Experimental outcomes (define the primary and secondary experimental outcomes assessed e.g. cell death, molecular markers, behavioral changes)*
  3. *Statistical methods*
* *provide details of the statistical methods used for each analysis.*
* *specify the unit of analysis for each dataset (e.g. single animal, group of animals).*
* *describe any methods used to assess whether the data met the assumptions of the statistical approach.*