Housing and Husbandry IMPC_HOU_001

Purpose

The housing and husbandry capture form is an institute overview form to capture how the animals are housed and cared for as the environment influences the observed phenotype. The questions have been based on the requirements of the Animal Research: Reporting In Vivo Experiments guidelines (ARRIVE)(Kilkenny PLOS One 2010), Gold Standard Publication Checklist (GSPC) reporting guidelines (Hooijmans ATLA 2010) and the GA passport (RSPCA 2010).

Notes

Data is collected at a minimum annually by a survey. This survey is then used to generate XML to populate the database.

To account for variation within an institution across pipelines or projects, there is an option to submit up to two blocks of information which are distinguished by the pipeline and project information provided. To account for variation for an institution, within a pipeline there is an option to submit up to three blocks of information and provide stage information (age and procedures completed) to distinguish the blocks.

Parameters and Metadata

Submitter ID IMPC_HOU_001_001 | v1.0

simpleParameter


Description: submitter_id

Phenotyping project(s) IMPC_HOU_002_001 | v1.0

seriesParameter
Description: phenotyping_project_s
Increments: Minimum 1

Pipeline ID(s) IMPC_HOU_003_001 | v1.0

Description: pipeline_id_s
Increments: Minimum 1

Start Date IMPC_HOU_004_001 | v1.0

Description: start_date

End Date IMPC_HOU_005_001 | v1.0
**Stage of the pipeline(s) - Start Week**  IMPC_HOU_006_001 | v1.0

*simpleParameter*

**Description:** stage_of_the_pipeline_s_start_week

**Stage of the pipeline(s) - End Week**  IMPC_HOU_007_001 | v1.0

*simpleParameter*

**Description:** stage_of_the_pipeline_s_end_week

**Procedure IDs associated with this block**  IMPC_HOU_008_001 | v1

*seriesParameter*

**Description:** procedure_ids_associated_with_this_block
**Housing - temperature regulated**  IMPC_HOU_009_001 | v1.0

**simpleParameter**

**Req. Analysis:** false  **Req. Upload:** true  **Is Annotated:** false

**Description:** housing_temperature_regulated

**Options:** Yes, No,


**Housing - temperature range - Minimum**  IMPC_HOU_010_001 | v1.0

**simpleParameter**

**Req. Analysis:** false  **Req. Upload:** true  **Is Annotated:** false

**Unit Measured:** C

**Description:** housing_temperature_range_minimum


**Housing - temperature range - Maximum**  IMPC_HOU_011_001 | v1.0

**simpleParameter**

**Req. Analysis:** false  **Req. Upload:** true  **Is Annotated:** false
Unit Measured: C

Description: housing_temperature_range_maximum

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**Housing - relative humidity regulated** IMPC_HOU_012_001 | v1.0

simpleParameter


Description: housing_relative_humidity_regulated

Options: Yes, No, Seasonally (not in winter),

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**Housing - relative humidity range - Minimum** IMPC_HOU_013_001 | v1.0

simpleParameter


Unit Measured: %

Description: housing_relative_humidity_range_minimum

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**Housing - relative humidity range - Maximum** IMPC_HOU_014_001 | v1.0

simpleParameter
**Housing - ventilation managed**  IMPC_HOU_015_001 | v1.0

**Description:** housing_ventilation_managed

**Options:** Negative, Positive, Passive,

**Housing - air changes per hour in the room - Minimum**  IMPC_HOU_016_001 | v1.0

**Description:** housing_air_changes_per_hour_in_the_room_minimum
Housing - air changes per hour in the room - Maximum

**C_HOU_017_001 | v1.0**

**simpleParameter**

**Req. Analysis:** false  
**Req. Upload:** true  
**Is Annotated:** false

**Description:** housing_air_changes_per_hour_in_the_room_maximum

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Housing - air changes per hour in the room - Units

**IMPC_HOU_018_001 | v1.0**

**simpleParameter**

**Req. Analysis:** false  
**Req. Upload:** true  
**Is Annotated:** false

**Description:** housing_air_changes_per_hour_in_the_room_units

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Housing - IVC ventilation

**IMPC_HOU_019_001 | v1.0**

**simpleParameter**

**Req. Analysis:** false  
**Req. Upload:** true  
**Is Annotated:** false

**Description:** housing_ivc_ventilation

**Options:** Yes, No,
**Housing - air changes per hour in the IVC unit - Minimum**

MPC_HOU_020_001 | v1.0

simpleParameter

**Description:** housing_air_changes_per_hour_in_the_ivc_unit_minimum

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**Housing - air changes per hour in the IVC unit - Maximum**

IMPC_HOU_021_001 | v1.0

simpleParameter

**Description:** housing_air_changes_per_hour_in_the_ivc_unit_maximum

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**Housing - air changes per hour in the IVC unit - Units**

IMPC_HOU_022_001 | v1.0

simpleParameter

**Description:** housing_air_changes_per_hour_in_the_ivc_unit_units

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**Housing - light source**

IMPC_HOU_023_001 | v1.0
simpleParameter

**Description:** housing_light_source

**Options:** LED, Florescent, Incandescent,

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**Housing - can you quantify the light intensity range experienced** IMPC_HOU_024_001 | v1.0

simpleParameter

**Description:** housing_can_you_quantify_the_light_intensity_range_experienced

**Options:** Yes, No,

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**Housing - light intensity range - Minimum** IMPC_HOU_025_001 | v1.0

**Unit Measured:** Lux

**Description:** housing_light_intensity_range_minimum
Housing - light intensity range - Maximum  IMPC_HOU_026_001 | v1.0

simpleParameter

Description: housing_light_intensity_range_maximum

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Housing - time lights switched on  IMPC_HOU_027_001 | v1.0

simpleParameter

Description: housing_time_lights_switched_on

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Housing - time lights switched off  IMPC_HOU_028_001 | v1.0

simpleParameter

Description: housing_time_lights_switched_off

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Housing - cage manufacturer and racking system IMPC_HOU_029_001 | v1.0

simpleParameter


Description: housing_cage_manufacturer_and_racking_system

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Housing - cage dimensions - Height IMPC_HOU_030_001 | v1.0

simpleParameter


Unit Measured: mm

Description: housing_cage_dimensions_height

-.---------------------------------------------------------------------.

Housing - cage dimensions - Length IMPC_HOU_031_001 | v1.0

simpleParameter


Unit Measured: mm

Description: housing_cage_dimensions_length

-.---------------------------------------------------------------------.
**Housing - cage dimensions - Width**  IMPC_HOU_032_001 | v1.0

*simpleParameter*

Req. Analysis: false  
Req. Upload: true  
Is Annotated: false

Unit Measured: mm

Description: housing_cage_dimensions_width

**Housing - animals per cage - Minimum**  IMPC_HOU_033_001 | v1.0

*simpleParameter*

Req. Analysis: false  
Req. Upload: true  
Is Annotated: false

Description: housing_animals_per_cage_minimum

**Housing - animals per cage - Maximum**  IMPC_HOU_034_001 | v1.0

*simpleParameter*

Req. Analysis: false  
Req. Upload: true  
Is Annotated: false

Description: housing_animals_per_cage_maximum

**Housing - bedding type**  IMPC_HOU_035_001 | v1.0

*simpleParameter*
Housing - bedding pre-treatment  IMPC_HOU_036_001 | v1.0

simpleParameter

Description: housing_bedding_pre_treatment

Options: Irradiated, Autoclaved, No treatment,

Housing - cage enrichment  IMPC_HOU_037_001 | v1.0

simpleParameter

Description: housing_cage_enrichment

Housing - frequency of cage cleaning  IMPC_HOU_038_001 | v1.0

simpleParameter
Description: housing_frequency_of_cage_cleaning

Options: Weekly, Biweekly, As required,

Housing - frequency of handling IMPC_HOU_039_001 | v1.1


Description: housing_frequency_of_handling

Increments: Minimum 1

Options: Weekly (assessment), During cage cleaning, During phenotyping procedures, During cage cleaning/During phenotyping procedures,

Nutrition - supplier and product ID of diet IMPC_HOU_040_001 | v1.0


Description: nutrition_supplier_and_product_id_of_diet

Nutrition - diet type IMPC_HOU_041_001 | v1.0

Description: nutrition_diet_type

Options: Natural-ingredient, Chemically-defined, Purified diet,

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**Nutrition - do you know the composition of the diet (average based on mass)** IMPC_HOU_042_001 | v1.0

**simpleParameter**

Description:
nutrition_do_you_know_the_composition_of_the_diet_average_based_on_mass

Options: Yes, No,

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**Nutrition - average composition (based on mass) - Carbohydrate** IMPC_HOU_043_001 | v1.0

**simpleParameter**

Unit Measured: %

Description: nutrition_average_composition_based_on_mass_carbohydrate
Nutrition - average composition (based on mass) - Fat

**IMPC_HOU_044_001 | v1.0**

**Description:** nutrition_average_composition_based_on_mass_fat

**Nutrition - average composition (based on mass) - Protein**

**IMPC_HOU_045_001 | v1.0**

**Description:** nutrition_average_composition_based_on_mass_protein

**Nutrition - do you know the composition of the diet (average based on calorific content)**

**IMPC_HOU_046_001 | v1.0**

**Description:** nutrition_do_you_know_the_composition_of_the_diet_average_based_on_calorific_content
Nutrition - average composition (based on calorific content) - Carbohydrate  IMPC_HOU_047_001 | v1.0

simpleParameter


Unit Measured: %

Description: nutrition_average_composition_based_on_calorific_content_carbohydrate

Nutrition - average composition (based on calorific content) - Fat  IMPC_HOU_048_001 | v1.0

simpleParameter


Unit Measured: %

Description: nutrition_average_composition_based_on_calorific_content_fat

Nutrition - average composition (based on calorific content) - Protein  IMPC_HOU_049_001 | v1.0

simpleParameter
**Nutrition - feeding regime (excluding fasting periods)** IMPC_HOU_050_001 | v1.0

*simpleParameter*

**Unit Measured:** %

**Description:** nutrition_feeding_regime_excluding_fasting_periods

**Options:** Ad libitum, Meal feeding, Restricted,

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**Nutrition - source of lipids** IMPC_HOU_051_001 | v1.2

*seriesParameter*

**Description:** nutrition_source_of_lipids

**Increments:** Minimum 1

**Options:** Fish, Animal, Vegetable,
Water - quality monitored  IMPC_HOU_052_001  | v1.0

**simpleParameter**

**Req. Analysis:** false  **Req. Upload:** true  **Is Annotated:** false

**Description:** water_quality_monitored

**Options:** Yes, No,

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Water - pre-treatment  IMPC_HOU_053_001  | v1.0

**seriesParameter**

**Req. Analysis:** false  **Req. Upload:** true  **Is Annotated:** false

**Description:** water_pre_treatment

**Increments:** Minimum 1

**Options:** RO, Autoclaved, UV, Acidification, Chlorination, Filter sterilisation, RO + Quiprol treatment, No treatment,

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Water - schedule (quantity)  IMPC_HOU_054_001  | v1.0

**simpleParameter**

**Req. Analysis:** false  **Req. Upload:** true  **Is Annotated:** false

**Description:** water_schedule_quantity

**Options:** Ad libitum, Meal feeding, Restricted,
**Water - supply method** IMPC_HOU_055_001 | v1.0

**Description:** water_supply_method

**Options:** Bottle, Automatic water system,

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**Microbiological status - status of your centre** IMPC_HOU_056_001 | v1.0

**Description:** microbiological_status_status_of_your_centre

**Options:** SPF, Non-SPF,

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**Microbiological status - method used to protect the status** IMPC_HOU_057_001 | v1.0

**Description:** 

**Options:**
**Microbiological status - closed barrier detail**  IMPC_HOU_058_001

| v1.0

**simpleParameter**

**Req. Analysis:** false  
**Req. Upload:** true  
**Is Annotated:** false

**Description:** microbiological_status_closed_barrier_detail

**Options:** No external live animals, Selected commercial sources, Selected commercial sources & rederivation or embryo transfer,

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**Microbiological status - quarantine method**  IMPC_HOU_059_001

| v1.0

**simpleParameter**

**Req. Analysis:** false  
**Req. Upload:** true  
**Is Annotated:** false

**Description:** microbiological_status_quarantine_method

**Options:** Rederivations, Micro testing, None,
Microbiological status - live animals allowed to join the unit IMPC_HOU_060_001 | v1.0

simpleParameter


Description: microbiological_status_live_animals_allowed_to_join_the_unit

Options: Yes, No,

Microbiological status - acclimation period for live animals - Minimum IMPC_HOU_061_001 | v1.0

simpleParameter


Unit Measured: week

Description: microbiological_status_acclimation_period_for_live_animals_minimum

Microbiological status - acclimation period for live animals - Maximum IMPC_HOU_062_001 | v1.0

simpleParameter


Unit Measured: week

Description: microbiological_status_acclimation_period_for_live_animals_maximum
Microbiological status - pathogens tested for IMPC_HOU_063_0

Description: microbiological_status_pathogens_tested_for

Increments: Minimum 1

Microbiological status - is your unit positive for any of the pathogens tested IMPC_HOU_064_001 | v1.0

Description:
microbiological_status_is_your_unit_positive_for_any_of_the_pathogens_tested

Options: Yes, No,

Microbiological status - pathogens your unit is positive for IMPC_HOU_065_001 | v1.3
**Description:** microbiological_status_pathogens_your_unit_is_positive_for

**Increments:** Minimum 1

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**Nutrition - do you know the source of lipids** IMPC_HOU_066_001

| v1.3

**Options:** Yes, No,

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**Block descriptor** IMPC_HOU_067_001 | v1.1

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