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
seriesParameter

Description: pipeline_id_s

Increments: Minimum 1

Start Date IMPC_HOU_004_001 | v1.0
simpleParameter

Description: start_date

End Date IMPC_HOU_005_001 | v1.0
simpleParameter

Description: end_date

Increments: Minimum 1
Description: end_date

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_stage_of_the_pipeline_s
Increments: Minimum 1

Housing - temperature regulated IMPC_HOU_009_001 | v1.0

simpleParameter


Description: housing_temperature_regulated

Options: Yes, No,

Housing - temperature range - Minimum IMPC_HOU_010_001 | v1.0

simpleParameter


Unit Measured: C

Description: housing_temperature_range_minimum

Housing - temperature range - Maximum IMPC_HOU_011_001 | v1.0

simpleParameter

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

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

**Description:** housing_relative_humidity_regulated

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

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**Housing - relative humidity range - Minimum**  IMPC_HOU_013_0

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

**Unit Measured:** %

**Description:** housing_relative_humidity_range_minimum

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**Housing - relative humidity range - Maximum**  IMPC_HOU_014_0

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

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Housing - ventilation managed  IMPC_HOU_015_001 | v1.0

simpleParameter

Description: housing_ventilation_managed
Options: Negative, Positive, Passive,

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

simpleParameter

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


Description: housing_air_changes_per_hour_in_the_room_maximum

Housing - air changes per hour in the room - Units

U_018_001 | v1.0

simpleParameter


Description: housing_air_changes_per_hour_in_the_room_units

Housing - IVC ventilation

IMPC_HOU_019_001 | v1.0

simpleParameter


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

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

MPC_HOU_021_001 | v1.0

simpleParameter


Description: housing_air_changes_per_hour_in_the_ivc_unit_maximum

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

Housing - light source

IMPC_HOU_023_001 | v1.0
simpleParameter

**Housing - can you quantify the light intensity range experienced**

**simpleParameter**

**Housing - light intensity range - Minimum**

**simpleParameter**
**Housing - light intensity range - Maximum** IMPC_HOU_026_001 | v1.0

`simpleParameter`

**Required Analysis:** false  **Required Upload:** false  **Is Annotated:** false

**Unit Measured:** Lux

**Description:** housing_light_intensity_range_maximum

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**Housing - time lights switched on** IMPC_HOU_027_001 | v1.0

`simpleParameter`

**Required Analysis:** false  **Required Upload:** true  **Is Annotated:** false

**Description:** housing_time_lights_switched_on

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**Housing - time lights switched off** IMPC_HOU_028_001 | v1.0

`simpleParameter`

**Required Analysis:** false  **Required Upload:** true  **Is Annotated:** false

**Description:** housing_time_lights_switched_off

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

Description: housing_cage_manufacturer_and_racking_system

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Housing - cage dimensions - Height IMPC_HOU_030_001 | v1.0

Unit Measured: mm

Description: housing_cage_dimensions_height

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Housing - cage dimensions - Length IMPC_HOU_031_001 | v1.0

Unit Measured: mm

Description: housing_cage_dimensions_length

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Housing - cage dimensions - Width IMPC_HOU_032_001 | v1.0

simpleParameter


Unit Measured: mm

Description: housing_cage_dimensions_width

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

simpleParameter


Description: housing_animals_per_cage_minimum

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

simpleParameter


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,

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**Housing - cage enrichment**  IMPC_HOU_037_001 | v1.0

simpleParameter

Description: housing_cage_enrichment

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**Housing - frequency of cage cleaning**  IMPC_HOU_038_001 | v1.0

simpleParameter

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**Description:** housing_frequency_of_cage_cleaning

**Options:** Weekly, Biweekly, As required,

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**Housing - frequency of handling**  IMPC_HOU_039_001 | v1.1

*seriesParameter*

**Description:** housing_frequency_of_handling

**Increments:** Minimum 1

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

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

*simpleParameter*

**Description:** nutrition_supplier_and_product_id_of_diet

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**Nutrition - diet type**  IMPC_HOU_041_001 | v1.0

*simpleParameter*
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

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

**Unit Measured:** %

**Description:** nutrition_average_composition_based_on_mass_fat

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**Nutrition - average composition (based on mass) - Protein** IMPC_HOU_045_001 | v1.0

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

**Unit Measured:** %

**Description:** nutrition_average_composition_based_on_mass_protein

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**Nutrition - do you know the composition of the diet (average based on calorific content)** IMPC_HOU_046_001 | v1.0

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

**Description:** nutrition_do_you_know_the_composition_of_the_diet_average_based_on_calorific_content
Options: Yes, No,

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

*simpleParameter*

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

**Unit Measured:** %

**Description:** nutrition_average_composition_based_on_calorific_content_carbohydrate

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

*simpleParameter*

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

**Unit Measured:** %

**Description:** nutrition_average_composition_based_on_calorific_content_fat

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

*simpleParameter*
Unit Measured: %

Description: nutrition_average_composition_based_on_calorific_content_protein

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

simpleParameter

Description: nutrition_feeding_regime_excluding_fasting_periods

Options: Ad libitum, Meal feeding, Restricted,

**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

simpleParameter


Description: water_supply_method

Options: Bottle, Automatic water system,

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

simpleParameter


Description: microbiological_status_status_of_your_centre

Options: SPF, Non-SPF,

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

simpleParameter

**Microbiological status - closed barrier detail** IMPC_HOU_058_001 | v1.0
simpleParameter

**Description:** microbiological_status_method_used_to_protect_the_status

**Options:** Open-system, Individually ventilated cage racks, Isolation unit,

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**Microbiological status - quarantine method** IMPC_HOU_059_001 | v1.0
simpleParameter

**Description:** microbiological_status_quarantine_method

**Options:** No external live animals, Selected commercial sources, Selected commercial sources & rederivation or embryo transfer,
Microbiological status - live animals allowed to join the unit
IMPC_HOU_060_001 | v1.0


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


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


Unit Measured: week

Description: microbiological_status_acclimation_period_for_live_animals_maximum
Microbiological status - pathogens tested for IMPC_HOU_063_0 01 | v1.0

Series Parameter

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

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

Simple Parameter

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

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

Series Parameter
**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

*simpleParameter*

**Options:** Yes, No,

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**Block descriptor** IMPC_HOU_067_001 | v1.1

*simpleParameter*