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

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

Description: submitter_id

Phenotyping project(s) IMPC_HOU_002_001 | v1.0

seriesParameter

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

Description: phenotyping_project_s

Increments: Minimum 1

Pipeline ID(s) IMPC_HOU_003_001 | v1.0

seriesParameter

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

Description: pipeline_id_s

Increments: Minimum 1

Start Date IMPC_HOU_004_001 | v1.0

simpleParameter

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

Description: start_date

End Date IMPC_HOU_005_001 | v1.0

simpleParameter

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

Description: end_date

Stage of the pipeline(s) - Start Week IMPC_HOU_006_001 | v1.0

simpleParameter

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

Description: stage_of_the_pipeline_s_start_week

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

simpleParameter

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

Description: stage_of_the_pipeline_s_end_week

Procedure IDs associated with this block IMPC_HOU_008_001 | v1.4

seriesParameter

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

Description: procedure_ids_associated_with_this_stage_of_the_pipeline_s

Increments: Minimum 1

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

Housing - relative humidity regulated IMPC_HOU_012_001 | v1.0

simpleParameter

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

Description: housing_relative_humidity_regulated

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

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

simpleParameter

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

Unit Measured: %

Description: housing_relative_humidity_range_minimum

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

simpleParameter

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

Unit Measured: %

Description: housing_relative_humidity_range_maximum

Housing - ventilation managed IMPC_HOU_015_001 | v1.0

simpleParameter

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

Description: housing_ventilation_managed

Options: Negative, Positive, Passive,

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

simpleParameter

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

Description: housing_air_changes_per_hour_in_the_room_minimum

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Housing - air changes per hour in the room - Maximum IMPC_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

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 IMPC_HOU_020_001 | v1.0

simpleParameter

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

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

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

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

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

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

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

Description: housing_light_source

Options: LED, Florescent, Incandescent,

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

simpleParameter

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

Description: housing_can_you_quantify_the_light_intensity_range_experienced

Options: Yes, No,

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

simpleParameter

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

Unit Measured: Lux

Description: housing_light_intensity_range_minimum

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

simpleParameter

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

Unit Measured: Lux

Description: housing_light_intensity_range_maximum

Housing - time lights switched on IMPC_HOU_027_001 | v1.0

simpleParameter

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

Description: housing_time_lights_switched_on

Housing - time lights switched off IMPC_HOU_028_001 | v1.0

simpleParameter

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

Description: housing_time_lights_switched_off

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

simpleParameter

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

Description: housing_cage_manufacturer_and_racking_system

Housing - cage dimensions - Height IMPC_HOU_030_001 | v1.0

simpleParameter

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

Unit Measured: mm

Description: housing_cage_dimensions_height

Housing - cage dimensions - Length IMPC_HOU_031_001 | v1.0

simpleParameter

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

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

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

Description: housing_bedding_type

Housing - bedding pre-treatment IMPC_HOU_036_001 | v1.0

simpleParameter

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

Description: housing_bedding_pre_treatment

Options: Irradiated, Autoclaved, No treatment,

Housing - cage enrichment IMPC_HOU_037_001 | v1.0

simpleParameter

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

Description: housing_cage_enrichment

Housing - frequency of cage cleaning IMPC_HOU_038_001 | v1.0

simpleParameter

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

Description: housing_frequency_of_cage_cleaning

Options: Weekly, Biweekly, As required,

Housing - frequency of handling IMPC_HOU_039_001 | v1.1

seriesParameter

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

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

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

Description: nutrition_supplier_and_product_id_of_diet

Nutrition - diet type IMPC_HOU_041_001 | v1.0

simpleParameter

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

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

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

Description:
nutrition_do_you_know_the_composition_of_the_diet_average_based_on_mass

Options: Yes, No,

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

simpleParameter

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

Unit Measured: %

Description: nutrition_average_composition_based_on_mass_carbohydrate

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Nutrition - average composition (based on mass) - Fat IMPC_HOU_044_001 | v1.0

simpleParameter

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

Unit Measured: %

Description: nutrition_average_composition_based_on_mass_fat

Nutrition - average composition (based on mass) - Protein

IMPC_HOU_045_001 | v1.0

simpleParameter

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

simpleParameter

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,

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

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

Unit Measured: %

Description: nutrition_average_composition_based_on_calorific_content_protein

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

simpleParameter

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

Description: nutrition_feeding_regime_excluding_fasting_periods

Options: Ad libitum, Meal feeding, Restricted,

Nutrition - source of lipids IMPC_HOU_051_001 | v1.2

seriesParameter

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

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,

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

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

Description: water_supply_method

Options: Bottle, Automatic water system,

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

simpleParameter

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

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

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

Description: microbiological_status_method_used_to_protect_the_status

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

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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

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

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

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

Unit Measured: week

Description: microbiological_status_acclimation_period_for_live_animals_minimum

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

simpleParameter

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

Unit Measured: week

Description: microbiological_status_acclimation_period_for_live_animals_maximum

Microbiological status - pathogens tested for IMPC_HOU_063_001 | v1.0

seriesParameter

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

simpleParameter

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

seriesParameter

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

Description: microbiological_status_pathogens_your_unit_is_positive_for

Increments: Minimum 1

Nutrition - do you know the source of lipids IMPC_HOU_066_001 | v1.3

simpleParameter

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

Options: Yes, No,

Block descriptor IMPC_HOU_067_001 | v1.1

simpleParameter

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

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