

## Malta

### Malta: Narrative 2018

#### 1. General information on any changes in trends observed since the previous reporting period.

A scientific program involving live fish has been approved in 2017. Another scientific research has been approved in the same year and will have a duration period of 3 years.

#### 2. Information on significant increase or decrease in use animals in any of the specific areas and analysis of the reasons thereof.

In view of the above fact, it was a significant increase of the use of live animals for scientific purposes. The animals involved for the second approved research were 250,000 fish and it was chosen as the minimum requirement for accurate statistical testing.

#### 3. Information on any changes in trends in actual severities and analysis of the reasons thereof.

The severity of the research program in the second study has increased due to the nature of the proposal (study on toxicity in fish).

#### 4. Particular efforts to promote the principle of replacement, reduction and refinement and its impacts on statistics if any.

The two scientific project manager actually ongoing declared that the three principle are being observed.

#### 5. Further breakdown on the use of "other" categories if a significant proportion of animal use is reported under this category.

N/A

#### 6. Details on cases where the 'severe' classification is exceeded, whether pre-authorized or not, covering the species, numbers, whether prior exemption was authorised, the details of the use and the reasons why 'severe' classification was exceeded.

N/A. Both the studies have a severity classified as mild pain.

### Malta: Statistical Data 2018

#### Section 1: Numbers of animals used for the first time for research, testing, routine production and educational (including training) purposes

##### Numbers of animals used for the first time by species

Animal species	Number of animals	Percentage
Other fish	119	100%
Total	119	100.00%

#### Place of birth of animals other than non-human primates

Place of birth	Number of animals	Percentage
<b>Animals born in the EU at a registered breeder</b>	119	100%
<b>Total</b>	119	100.00%

#### Source of non-human primates

NHP Source (origin)	Number of animals	Percentage
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No data reported

#### Generation of non-human primates

NHP Generation	Number of animals	Percentage
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No data reported

## Section 2: Numbers of all uses of animals for research, testing, routine production and educational (including training) purposes

### First use versus reuses

Animal species	First uses	Reuses	Total
<b>Other fish</b>	119		119
<b>Total</b>	119		119

### Uses of animals in research, testing, routine production and education (including training) by main categories of scientific purposes

Purpose Category	Number of uses	Percentage
<b>Translational and applied research</b>	119	100%
<b>Total</b>	119	100.00%

### Basic research related uses

Basic research	Number of uses	Percentage
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No data reported

### Translational and applied research related uses

Translational and applied research	Number of uses	Percentage
<b>Animal Diseases and Disorders</b>	119	100%
<b>Total</b>	119	100.00%

### Regulatory uses and Routine production

Regulatory uses and Routine production	Number of uses	Percentage
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No data reported

### Regulatory uses - Quality control (including batch safety and potency testing)

Regulatory uses - Quality control (including batch safety and potency testing)	Number of uses	Percentage
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No data reported

### Regulatory uses - Toxicity and other safety testing including pharmacology

Regulatory uses - Toxicity and other safety testing including pharmacology	Number of uses	Percentage
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No data reported

### Regulatory uses - Toxicity and other safety testing including pharmacology - Acute and sub-acute toxicity testing methods

Regulatory uses - Toxicity and other safety testing including pharmacology - Acute and sub-acute toxicity testing methods	Number of uses	Percentage
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No data reported

### Regulatory uses - Toxicity and other safety testing including pharmacology - Repeated dose toxicity

Regulatory uses - Toxicity and other safety testing including pharmacology - Repeated dose toxicity	Number of uses	Percentage
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No data reported

### Regulatory uses - Toxicity and other safety testing including pharmacology - Ecotoxicity

Regulatory uses - Toxicity and other safety testing including pharmacology - Ecotoxicity	Number of uses	Percentage
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No data reported

#### Regulatory uses by type of legislation

Type of legislation	Number of uses	Percentage
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No data reported

#### Regulatory uses by origin of regulatory requirement

Origin of legislative requirement	Number of uses	Percentage
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No data reported

#### Routine production uses by product type

Product type	Number of uses	Percentage
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No data reported

#### Uses of animals in research, testing, routine production and education (including training) by first use and reuses

Reuse	Number of uses	Percentage
No	119	100%
<b>Total</b>	<b>119</b>	<b>100.00%</b>

#### Uses of animals in research, testing, routine production and education (including training) by severity

Severity	Number of uses	Percentage
Mild [up to and including]	119	100%
<b>Total</b>	<b>119</b>	<b>100.00%</b>

#### Uses of animals in research, testing, routine production and education (including training) by genetic status of animals

Genetic status	Number of uses	Percentage
Not genetically altered	119	100%
<b>Total</b>	<b>119</b>	<b>100.00%</b>

### Section 3: Creation and maintenance of genetically altered animal lines

All uses of animals for the creation of new genetically altered animal lines by species, first uses and reuses

Animal species	First uses	Reuses	Total
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No data reported

Uses of animals for the creation of new genetically altered animal lines by severity

Severity	Number of uses	Percentage
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No data reported

Uses of animals for the creation of new genetically altered animal lines by genetic status of the animals

Genetic status	Number of uses	Percentage
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No data reported

Uses of animals for the creation of new genetically altered animal lines by type of basic research purposes

Basic research	Number of uses	Percentage
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No data reported

Uses of animals for the creation of new genetically altered animal lines by type of translational and applied research purposes

Translational and applied research	Number of uses	Percentage
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No data reported

All uses of animals for the maintenance of established genetically altered animal lines by species

Animal species	First uses	Reuses	Total uses
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No data reported

Uses of animals for the maintenance of established genetically altered animal lines by severity

Severity	Number of uses	Percentage
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No data reported

Uses of animals for the maintenance of established genetically altered animal lines by genetic status of the animals

Genetic status	Number of uses	Percentage
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No data reported