

## Cyprus

### Cyprus: Narrative 2018

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

In 2018, the number of the projects and the animals used, increased. Specifically, in 2017, were running 8 projects and during 2018, 15 projects, that means an increase of 87.5%.

Also, in a project, 100 animals were classified in “severe” procedures, which means an increase of 5.32% in this category of procedures.

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

During 2018, there was a significant increase in the number of animals participating in several projects, due to the increase of the number of projects. Specifically, the number of animals used, increased by 35,58%.

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

100 animals were classified in “severe” procedures, due to the fact that in 2018, a project was authorized to involve severe procedures.

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

The National Committee for Welfare of Animals used for Scientific Purposes, ensures the 3Rs implementation at the Project evaluation during the procedure for licencing.

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

There were no significant proportion of animals used under the category “other”.

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

There were no such cases for the year 2018.

## Cyprus: 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
Mice	1461	100%
<b>Total</b>	<b>1461</b>	<b>100.00%</b>

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

Place of birth	Number of animals	Percentage
Animals born in the EU at a registered breeder	1461	100%
<b>Total</b>	<b>1461</b>	<b>100.00%</b>

#### 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
Mice	1461	349	1810
<b>Total</b>	1461	349	1810

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

Purpose Category	Number of uses	Percentage
Basic Research	1432	79.12%
Translational and applied research	378	20.88%
<b>Total</b>	1810	100.00%

### Basic research related uses

Basic research	Number of uses	Percentage
Oncology	267	18.65%
Nervous System	435	30.38%
Musculoskeletal System	298	20.81%
Urogenital/Reproductive System	54	3.77%
Multisystemic	228	15.92%
Other basic research	150	10.47%
<b>Total</b>	1432	100.00%

### Translational and applied research related uses

Translational and applied research	Number of uses	Percentage
Human Infectious Disorders	200	52.91%
Human Gastrointestinal Disorders including Liver	120	31.75%
Animal Diseases and Disorders	58	15.34%
<b>Total</b>	378	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	1461	80.72%
Yes	349	19.28%
<b>Total</b>	<b>1810</b>	<b>100.00%</b>

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

Severity	Number of uses	Percentage
Non-recovery	102	5.64%
Mild [up to and including]	1560	86.19%
Moderate	48	2.65%
Severe	100	5.52%
<b>Total</b>	<b>1810</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	978	54.03%
Genetically altered without a harmful phenotype	805	44.48%
Genetically altered with a harmful phenotype	27	1.49%
<b>Total</b>	<b>1810</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
Mice	68		68
<b>Total</b>	68		68

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

Severity	Number of uses	Percentage
Mild [up to and including]	68	100%
<b>Total</b>	68	100.00%

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

Genetic status	Number of uses	Percentage
Genetically altered without a harmful phenotype	68	100%
<b>Total</b>	68	100.00%

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

Basic research	Number of uses	Percentage
Nervous System	68	100%
<b>Total</b>	68	100.00%

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