

Includes only the uses of animals for the creation and maintenance of genetically altered animals.

Reporting year:All
Country:All
EC ID:All
File name:All
EU Submission:Yes
ID 1:All
ID 2:All
ID 3:All
Species:All
Other species:All
Species grouping level 1:All
Species grouping level 2:All
Mammals:All
Non-human primates:All
Reuse:All
Place of birth:All
NHP Place of birth:All
NHP Colony type: Self-sustaining colony:All
NHP generation:All
Genetic status:All
Purpose:All
Purpose category level 1:All
Purpose category level 2:All
Purpose category level 3:All
Purpose category level 4:All
Type of legislation:All
Other legislation:All
Severity:All
Custom severity:All
Method of tissue sampling:All
Severity of genotyping:All

Numbers of animals by species

Species	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Mice	4780	1994	3686	3281	1679	2983	7503	2855	2750	609
Rats	60	2	0	0	51	0	0	0	0	0
Pigs	4	0	2	0	0	0	0	0	0	0
Zebra fish	0	0	0	649	722	808	554	904	2310	530
Total	4844	1996	3688	3930	2452	3791	8057	3759	5060	1139

Excel

USES OF ANIMALS FOR THE CREATION OF NEW GENETICALLY ALTERED ANIMAL LINES

Uses of animals by species

Species	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Mice	4780	1994	3686	3281	1679	3022	7524	2855	2750	1137
Rats	60	2	0	0	51	0	0	0	0	0
Pigs	4	0	2	0	0	0	0	0	0	0
Zebra fish	0	0	0	649	722	808	554	904	2310	530
Total	4844	1996	3688	3930	2452	3830	8078	3759	5060	1667

Excel

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Uses of animals by genetic status

Genetic status	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Not genetically altered	3729	1741	2803	1947	1410	2746	6523	2756	2126	28
Genetically altered without a harmful phenotype	759	200	679	1982	1042	1043	1425	1003	2924	1639
Genetically altered with a harmful phenotype	356	55	206	1	0	41	130	0	10	0
Total	4844	1996	3688	3930	2452	3830	8078	3759	5060	1667

Excel

Proportions of uses of animals by genetic status

Genetic status	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Not genetically altered	76.98%	87.22%	76%	49.54%	57.5%	71.7%	80.75%	73.32%	42.02%	1.68%
Genetically altered without a harmful phenotype	15.67%	10.02%	18.41%	50.43%	42.5%	27.23%	17.64%	26.68%	57.79%	98.32%
Genetically altered with a harmful phenotype	7.35%	2.76%	5.59%	0.03%	0%	1.07%	1.61%	0%	0.2%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Excel

Reuse of animals

Reuse	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
No	4844	1996	3688	3930	2452	3791	8057	3759	5060	1139
Yes	0	0	0	0	0	39	21	0	0	528
Total	4844	1996	3688	3930	2452	3830	8078	3759	5060	1667

Excel

Reuse	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
No	100%	100%	100%	100%	100%	98.98%	99.74%	100%	100%	68.33%
Yes	0%	0%	0%	0%	0%	1.02%	0.26%	0%	0%	31.67%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Excel										

BASIC RESEARCH USES OF ANIMALS FOR THE CREATION OF NEW GENETICALLY ALTERED ANIMAL LINES

Basic research uses

Purpose	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Oncology	217	0	258	1	0	35	0	12	0	0
Cardiovascular Blood and Lymphatic System	67	0	2	0	131	571	214	422	893	171
Nervous System	4108	1779	92	415	143	360	853	166	167	319
Gastrointestinal System including Liver	60	0	0	6	50	150	24	17	0	50
Musculoskeletal System	122	0	818	0	37	0	0	0	0	0
Immune System	99	0	0	0	0	0	61	92	0	0
Urogenital/Reproductive System	6	0	0	119	0	0	0	0	45	0
Endocrine System/Metabolism	52	109	273	150	184	148	272	0	277	210
Developmental Biology	0	0	0	0	0	0	0	2752	2229	500
Multisystemic	0	0	0	358	174	2542	6654	298	1449	259
Ethology / Animal Behaviour /Animal Biology	18	91	91	0	0	0	0	0	0	0
Other basic research	0	0	1985	2791	1733	0	0	0	0	103
Total	4749	1979	3519	3840	2452	3806	8078	3759	5060	1612

Excel

Severity	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Non-recovery	193	78	79	109	37	0	59	0	0	0
Mild [up to and including]	4113	1868	3128	3727	2088	3637	7341	3747	4859	1257
Moderate	434	33	312	1	327	169	678	12	201	355
Severe	9	0	0	3	0	0	0	0	0	0
Total	4749	1979	3519	3840	2452	3806	8078	3759	5060	1612
Excel										

Excel

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TRANSLATIONAL AND APPLIED RESEARCH USES OF ANIMALS FOR THE CREATION OF NEW GENETICALLY ALTERED ANIMAL LINES

Translational and applied research uses

Search:

Purpose	2015	2016	2017	2018	2020	2024
Human Cancer	8	0	0	0	0	0
Human Nervous and Mental Disorders	9	0	169	0	12	0
Human Gastrointestinal Disorders including Liver	0	0	0	0	0	55
Human Musculoskeletal Disorders	0	0	0	60	0	0
Human Immune Disorders	78	0	0	0	0	0
Human Urogenital/Reproductive Disorders	0	0	0	0	12	0
Human Sensory Organ Disorders (skin, eyes and ears)	0	2	0	0	0	0
Human Endocrine/Metabolism Disorders	0	15	0	30	0	0
Total	95	17	169	90	24	55

Showing 1 to 8 of 8 entries

Translational and applied research uses by severity

Severity	2015	2016	2017	2018	2020	2024
Mild [up to and including]	9	17	15	60	3	0
Moderate	78	0	154	30	21	55
Severe	8	0	0	0	0	0
Total	95	17	169	90	24	55
Excel						

Proportions of translational and applied research uses by severity

Severity	2015	2016	2017	2018	2020	2024
Mild [up to and including]	9.47%	100%	8.88%	66.67%	12.5%	0%
Moderate	82.11%	0%	91.12%	33.33%	87.5%	100%
Severe	8.42%	0%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%
Excel						

NUMBERS OF ANIMALS USED FOR THE MAINTENANCE OF GENETICALLY ALTERED ANIMAL LINES FOR THE FIRST TIME

Numbers of animals by species

Species	2015	2017	2018	2019	2020	2021	2022	2023	2024
Mice	3	29	179	6043	7793	1	688	2994	1519
Rats	0	0	0	0	0	0	0	0	28
Total	3	29	179	6043	7793	1	688	2994	1547

Excel

USES OF ANIMALS FOR THE MAINTENANCE OF GENETICALLY ALTERED ANIMAL LINES

Uses of animals by species

Species	2015	2017	2018	2019	2020	2021	2022	2023	2024
Mice	3	29	179	6043	7793	1	688	2994	1519
Rats	0	0	0	0	0	0	0	0	28
Total	3	29	179	6043	7793	1	688	2994	1547

Excel

Uses of animals by severity

Severity	2015	2017	2018	2019	2020	2021	2022	2023	2024
Non-recovery	0	0	0	178	395	0	0	0	0
Mild [up to and including]	3	29	2	5855	5873	0	688	2128	127
Moderate	0	0	173	4	1517	1	0	443	622
Severe	0	0	4	6	8	0	0	423	798
Total	3	29	179	6043	7793	1	688	2994	1547

Excel

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Uses of animals by genetic status

Genetic status	2015	2017	2018	2019	2020	2021	2022	2023	2024
Not genetically altered	0	0	0	6039	7753	0	688	0	21
Genetically altered without a harmful phenotype	0	0	0	0	40	0	0	1623	101
Genetically altered with a harmful phenotype	3	29	179	4	0	1	0	1371	1425
Total	3	29	179	6043	7793	1	688	2994	1547

Excel

Proportions of uses of animals by genetic status

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Excel

Reuse of animals

Genetic status	2015	2017	2018	2019	2020	2021	2022	2023	2024
No	3	29	179	6043	7793	1	688	2994	1547
Total	3	29	179	6043	7793	1	688	2994	1547

Excel

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