

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

FILTERS

- 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 USED FOR THE CREATION OF NEW GENETICALLY ALTERED ANIMAL LINES FOR THE FIRST TIME

Numbers of animals by species

Species	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Mice	8905	3995	4155	3773	3993	6366	11348	10450	3533	2248
Rats	304	261	5	0	0	29	0	0	0	0
Zebra fish	0	0	699	1139	1296	520	734	735	628	1616
Total	9209	4256	4859	4912	5289	6915	12082	11185	4161	3864
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	8905	3995	4155	3773	3993	6366	11348	10450	3533	2248
Rats	304	261	5	0	0	29	0	0	0	0
Zebra fish	0	0	699	1139	1296	520	734	735	628	1616
Total	9209	4256	4859	4912	5289	6915	12082	11185	4161	3864
Excel										

Uses of animals by severity

Severity	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Non-recovery	507	290	347	272	59	532	161	218	51	167
Mild [up to and including]	7491	2262	2805	2845	4367	5381	10529	10401	2854	3136
Moderate	1131	1588	1694	1794	860	972	1350	564	1255	561
Severe	80	116	13	1	3	30	42	2	1	0
Total	9209	4256	4859	4912	5289	6915	12082	11185	4161	3864
Excel										

Proportions of uses of animals by severity

Severity	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Non-recovery	5.51%	6.81%	7.14%	5.54%	1.12%	7.69%	1.33%	1.95%	1.23%	4.32%
Mild [up to and including]	81.34%	53.15%	57.73%	57.92%	82.57%	77.82%	87.15%	92.99%	68.59%	81.16%
Moderate	12.28%	37.31%	34.86%	36.52%	16.26%	14.06%	11.17%	5.04%	30.16%	14.52%
Severe	0.87%	2.73%	0.27%	0.02%	0.06%	0.43%	0.35%	0.02%	0.02%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Excel										

Uses of animals by genetic status

Genetic status	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Not genetically altered	5049	1885	1607	2007	2031	3090	3028	2529	1451	1228
Genetically altered without a harmful phenotype	3964	2021	2756	2758	2937	2837	8229	7899	2370	2285
Genetically altered with a harmful phenotype	196	350	496	147	321	988	825	757	340	351
Total	9209	4256	4859	4912	5289	6915	12082	11185	4161	3864
Excel										

Proportions of uses of animals by genetic status

Genetic status	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Not genetically altered	54.83%	44.29%	33.07%	40.86%	38.4%	44.69%	25.06%	22.61%	34.87%	31.78%
Genetically altered without a harmful phenotype	43.04%	47.49%	56.72%	56.15%	55.53%	41.03%	68.11%	70.62%	56.96%	59.14%
Genetically altered with a harmful phenotype	2.13%	8.22%	10.21%	2.99%	6.07%	14.29%	6.83%	6.77%	8.17%	9.08%
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	9209	4256	4859	4912	5289	6915	12082	11185	4161	3864
Total	9209	4256	4859	4912	5289	6915	12082	11185	4161	3864
Excel										

Proportions of reuse of animals

Reuse	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
No	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
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	3546	535	262	115	337	30	236	0	111	176
Cardiovascular Blood and Lymphatic System	253	356	47	17	10	652	76	554	449	7
Nervous System	610	628	1522	662	1025	1909	1788	742	170	42
Gastrointestinal System including Liver	195	0	0	69	147	1359	4040	6856	872	308
Musculoskeletal System	0	0	0	0	3	183	0	0	0	0
Immune System	41	23	699	1219	1905	882	692	684	1099	1551
Urogenital/Reproductive System	172	0	0	0	353	338	0	4	1	104
Sensory Organs (skin, eyes and ears)	0	0	0	0	0	0	167	23	0	72
Endocrine System/Metabolism	2717	1231	487	431	170	43	304	20	0	8
Multisystemic	1276	866	1582	1540	672	165	1516	1637	1149	1442
Other basic research	35	0	54	0	0	0	0	0	0	0
Total	8845	3639	4653	4053	4622	5561	8819	10520	3851	3710
Excel										

Basic research uses by severity

Severity	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Non-recovery	506	278	343	187	58	509	138	200	26	162
Mild [up to and including]	7391	1916	2728	2361	3887	4231	7485	9819	2669	3036
Moderate	868	1419	1578	1504	674	791	1194	499	1155	512
Severe	80	26	4	1	3	30	2	2	1	0
Total	8845	3639	4653	4053	4622	5561	8819	10520	3851	3710
Excel										

Proportions of basic research uses by severity

Severity	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Non-recovery	5.72%	7.64%	7.37%	4.61%	1.25%	9.15%	1.56%	1.9%	0.68%	4.37%
Mild [up to and including]	83.56%	52.65%	58.63%	58.25%	84.1%	76.08%	84.87%	93.34%	69.31%	81.83%
Moderate	9.81%	38.99%	33.91%	37.11%	14.58%	14.22%	13.54%	4.74%	29.99%	13.8%
Severe	0.9%	0.71%	0.09%	0.02%	0.06%	0.54%	0.02%	0.02%	0.03%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Excel										

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	2019	2020	2021	2022	2023	2024
Human Cancer	0	0	0	148	0	0	22	0	0	0
Human Infectious Disorders	0	0	0	314	0	0	0	0	0	0
Human Cardiovascular Disorders	1	0	0	13	353	394	234	109	0	0
Human Nervous and Mental Disorders	0	0	124	77	0	0	76	0	73	40
Human Gastrointestinal Disorders including Liver	0	0	0	0	0	40	32	0	0	0
Human Immune Disorders	0	0	0	307	0	0	0	0	0	0
Human Sensory Organ Disorders (skin, eyes and ears)	344	617	7	0	0	2	356	366	218	60
Human Endocrine/Metabolism Disorders	19	0	71	0	314	375	1915	156	19	31
Other Human Disorders	0	0	4	0	0	543	628	34	0	0
Animal Welfare	0	0	0	0	0	0	0	0	0	23
Total	364	617	206	859	667	1354	3263	665	310	154

Showing 1 to 10 of 10 entries

Translational and applied research uses by severity

Severity	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Non-recovery	1	12	4	85	1	23	23	18	25	5
Mild [up to and including]	100	346	77	484	480	1150	3044	582	185	100
Moderate	263	169	116	290	186	181	156	65	100	49
Severe	0	90	9	0	0	0	40	0	0	0
Total	364	617	206	859	667	1354	3263	665	310	154
Excel										

Proportions of translational and applied research uses by severity

Severity	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Non-recovery	0.27%	1.94%	1.94%	9.9%	0.15%	1.7%	0.7%	2.71%	8.06%	3.25%
Mild [up to and including]	27.47%	56.08%	37.38%	56.34%	71.96%	84.93%	93.29%	87.52%	59.68%	64.94%
Moderate	72.25%	27.39%	56.31%	33.76%	27.89%	13.37%	4.78%	9.77%	32.26%	31.82%
Severe	0%	14.59%	4.37%	0%	0%	0%	1.23%	0%	0%	0%
Total	100%	100%	100%	100%	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	2016	2017	2018	2019	2020	2021	2022	2023	2024
Mice	562	466	215	285	276	95	35	209	572	547
Rats	0	0	0	0	0	0	0	0	4	0
Zebra fish	368	0	0	0	0	0	0	0	0	0
Total	930	466	215	285	276	95	35	209	576	547
Excel										

USES OF ANIMALS FOR THE MAINTENANCE OF GENETICALLY ALTERED ANIMAL LINES

Uses of animals by species

Species	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Mice	562	466	215	285	276	95	35	209	572	547
Rats	0	0	0	0	0	0	0	0	4	0
Zebra fish	368	0	0	0	0	0	0	0	0	0
Total	930	466	215	285	276	95	35	209	576	547
Excel										

Uses of animals by severity

Severity	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Mild [up to and including]	347	323	207	196	91	32	14	40	538	362
Moderate	583	140	8	89	185	63	21	168	37	183
Severe	0	3	0	0	0	0	0	1	1	2
Total	930	466	215	285	276	95	35	209	576	547
Excel										

Proportions of uses of animals by severity

Severity	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Mild [up to and including]	37.31%	69.31%	96.28%	68.77%	32.97%	33.68%	40%	19.14%	93.4%	66.18%
Moderate	62.69%	30.04%	3.72%	31.23%	67.03%	66.32%	60%	80.38%	6.42%	33.46%
Severe	0%	0.64%	0%	0%	0%	0%	0%	0.48%	0.17%	0.37%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Excel										

Uses of animals by genetic status

Genetic status	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Not genetically altered	0	0	3	37	1	24	0	0	19	0
Genetically altered without a harmful phenotype	24	0	179	102	96	4	14	72	394	0
Genetically altered with a harmful phenotype	906	466	33	146	179	67	21	137	163	547
Total	930	466	215	285	276	95	35	209	576	547
Excel										

Proportions of uses of animals by genetic status

Genetic status	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Not genetically altered	0%	0%	1.4%	12.98%	0.36%	25.26%	0%	0%	3.3%	0%
Genetically altered without a harmful phenotype	2.58%	0%	83.26%	35.79%	34.78%	4.21%	40%	34.45%	68.4%	0%
Genetically altered with a harmful phenotype	97.42%	100%	15.35%	51.23%	64.86%	70.53%	60%	65.55%	28.3%	100%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Excel										

Reuse of animals

Genetic status	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
No	930	466	215	285	276	95	35	209	576	547
Total	930	466	215	285	276	95	35	209	576	547
Excel										

Proportions of reuse of animals

Reuse	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
No	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Excel										