

## Non-Technical Project Summary

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Period of approval: Q1 January – March 2020

REFERENCE NUMBER	PROJECT TITLE	KEYWORDS	LINK TO NTPS
V006/2020Q1	Exploratory research into the function of the 'PALI1' protein during mouse development	Knockout mouse; development; differentiation; organ formation; PALI1	<a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v006_2020q1.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v006_2020q1.pdf</a>
V010/2020Q1	Research project investigating the role of cafeteria diet and exercise (lifestyle) on brain health in rats	Neurosciences; lifestyle factors; diet; exercise; neuroinflammation; depression; anxiety; cognition; rats	<a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v010_2020q1.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v010_2020q1.pdf</a>
V012/2020Q1	Research on specification of neural crest and cranial placodes in <i>Xenopus</i> (frog) embryos	<i>Xenopus laevis</i> ; frog; sensory organs; development; birth defects; neural crest; placodes	<a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v012_2020q1.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v012_2020q1.pdf</a>
V023/2020Q1	Research project investigating new therapies for the fatal degenerative disorder Krabbe disease using the twitcher mouse model	Krabbe disease; twitcher mice; clozapine; haloperidol; nanoparticles	<a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v023_2020q1.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v023_2020q1.pdf</a>

REFERENCE NUMBER	PROJECT TITLE	KEYWORDS	LINK TO NTPS
V032/2020Q1	Research project using mice on early life nutrition and neurodevelopment: role of the intestinal microbiota	Pregnancy; obesity; microbiota-gut-brain axis; behaviour; brain development; mice	<a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v032_2020q1.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v032_2020q1.pdf</a>