

## Non-Technical Project Summary

Period of approval: Q2 April – June 2020

REFERENCE NUMBER	PROJECT TITLE	KEYWORDS	LINK TO NTPS
V006/2020Q2	Research project to determine the pharmacokinetics and/or bioequivalence of endo- and/or ectoparasiticides, following oral/topical/parenteral administration to cattle/sheep/pigs/horses	Pharmacokinetics; bioequivalence; safety; ectoparasiticides; endoparasiticides; bovine; ovine; porcine; equine	<a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v006_2020q2.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v006_2020q2.pdf</a>
V011/2020Q2	Research project on the prevalence of equine Lyme disease exposure in Ireland	Horses, equine Lyme disease; Ireland; seroprevalence; tick-dense areas; <i>Borrelia burgdorferi</i>	<a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v011_2020q2.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v011_2020q2.pdf</a>
V019/2020Q2	Research into the effects of early life stress on neurodevelopmental outcomes in the rat: towards therapy for preterm adversity	Rat; chronic oxygen dysregulation; preterm birth; apnoea of prematurity; hospital acquired infection; neurodevelopment	<a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v019_2020q2.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v019_2020q2.pdf</a>
V028/2020Q2	Research investigating the therapeutic potential of parasite-derived immunomodulatory peptides in the treatment of sepsis and Acute Kidney Injury (AKI) using mice	Sepsis; acute kidney injury; helminth defence molecule; mice	<a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v028_2020q2.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v028_2020q2.pdf</a>

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V032/2020Q2	Investigating Natural Killer (NK) cell metabolism as a determinant of NK cell anti-tumour activity using mice	Natural Killer cells; metabolism; cancer immunotherapy; mice	<a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v032_2020q2.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v032_2020q2.pdf</a>
V033/2020Q2	Research to evaluate of role of cell and tissue specific activity of the IL-36 receptor in autoimmune disease using mice	Inflammation; psoriasis; inflammatory bowel disease; Crohn's disease; ulcerative colitis; IL-36; mice	<a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v033_2020q2.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v033_2020q2.pdf</a>
V036/2020Q2	Research of the hemodynamic effects of agonists and antagonists of receptors within the renin-angiotensin system in mice	Mouse; blood pressure; heart rate; hormone system; haemodynamic effects; renin-angiotensin	<a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v036_2020q2.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v036_2020q2.pdf</a>
V039/2020Q2	Research investigating Neuromedin (NMU) - a new biological-marker and diuretic for the treatment of heart failure using pigs	Pig; neuromedin; heart failure; diuresis; biomarker	<a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v039_2020q2.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v039_2020q2.pdf</a>