

## Non-Technical Project Summary

Period of approval: Q4 October – December 2020

| REFERENCE NUMBER | PROJECT TITLE                                                                                                                                        | KEYWORDS                                                                                                        | LINK TO NTPS                                                                                                                                                                                                                                                                                      |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| V010/2020Q4      | Research project investigating the role of the gut microbiota on the beneficial effects of exercise in a healthy and depressed population using mice | Microbiome; depression; exercise; behaviour; neurogenesis; gut permeability; mouse                              | <a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v010_2020q4.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v010_2020q4.pdf</a> |
| V015/2020Q4      | Project to perform rumenostomy and cannulation of dairy cows to support digestibility research studies                                               | Rumen; cannula; nutrition; grass; milk production; digesta flow; rumen microbial population; dairy cows         | <a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v015_2020q4.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v015_2020q4.pdf</a> |
| V018/2020Q4      | Research study investigating the role of Pellino proteins in lung inflammation and fibrosis using mice                                               | Lung; Inflammation; fibrosis; bleomycin; Pellino proteins; mice                                                 | <a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v018_2020q4.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v018_2020q4.pdf</a> |
| V023/2020Q4      | Research into IL-17-producing T cells and their regulation in autoimmune disease using mice                                                          | Immunology; T cell; $\gamma\delta$ T cells; autoimmune disease; experimental autoimmune encephalomyelitis; mice | <a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v023_2020q4.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v023_2020q4.pdf</a> |

| REFERENCE NUMBER | PROJECT TITLE                                                                                                                                  | KEYWORDS                                                       | LINK TO NTPS                                                                                                                                                                                                                                                                                      |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| V028/2020Q4      | Research project for the preparation of materials for the diagnosis of diseases in birds and horses or public health related residue detection | Diagnosis; disease; avian influenza; horses; chickens; turkeys | <a href="https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v028_2020q4.pdf">https://hprapredocsstg.blob.core.windows.net/data/docs/default-source/regulatory-report/scientific-animal-protection/ntps/v028_2020q4.pdf</a> |

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