

## Non-Technical Project Summary

| REFERENCE NUMBER | PROJECT TITLE  | MONTH OF APPROVAL | KEYWORDS  | LINK TO NTPS  |
|------------------|--|-------------------|---|---|
| V001/2013Q3      | Research on new therapies for Acute Graft versus Host Disease (GvHD) using a sophisticated mouse model | July 2013         | Acute graft versus host disease; immunosuppressive drugs; adult stem cells; mouse model | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v001_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v001_2013q3.pdf?sfvrsn=2</a> |
| V002/2013Q3      | Research project investigating the mechanism of a coagulopathy using a rat model                       | July 2013         | Coagulopathy mechanism; rat   | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v002_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v002_2013q3.pdf?sfvrsn=2</a> |
| V003/2013Q3      | Research project assessing the anti-inflammatory activity of novel compounds using mice                | July 2013         | Inflammation; diabetes; natural products; drug development; mice                        | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v003_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v003_2013q3.pdf?sfvrsn=2</a> |
| V004/2013Q3      | European sea bass (ESB) Fish Track Project   | July 2013         | Sea Bass Tracking, Conservation   | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v004_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v004_2013q3.pdf?sfvrsn=2</a> |

| REFERENCE NUMBER | PROJECT TITLE   | MONTH OF APPROVAL | KEYWORDS   | LINK TO NTPS  |
|------------------|---|-------------------|--|---|
| V005/2013Q3      | Research study investigating inter-regional synaptic integration of sensorimotor signals within episodic memory networks using rats                               | July 2013         | Rodents; hippocampus; memory; sensory; motor     | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v005_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v005_2013q3.pdf?sfvrsn=2</a> |
| V006/2013Q3      | Research study investigating the therapeutic benefit of neural cells derived from induced pluripotent stem cells (iPS cells) in a rat model of spinal cord repair | July 2013         | Rat; spinal cord; nerve regeneration; stem cells | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v006_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v006_2013q3.pdf?sfvrsn=2</a> |
| V007/2013Q3      | Research study investigating the regulation of the tumour microenvironment in colon cancer metastasis using mice  | August 2013       | Colon cancer; metastasis; mouse                  | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v007_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v007_2013q3.pdf?sfvrsn=2</a> |
| V008/2013Q3      | Research investigation into cell based therapy in the treatment of fracture healing using mice  | August 2013       | Metabolic disease; femur; fracture; cell therapy | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v008_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v008_2013q3.pdf?sfvrsn=2</a> |
| V009/2013Q3      | Research investigation into the effectiveness of three different formulations in the treatment of canine Otitis Externa   | August 2013       | Otitis externa; ears; treatment; dog; canine     | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v009_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v009_2013q3.pdf?sfvrsn=2</a> |

| REFERENCE NUMBER | PROJECT TITLE  | MONTH OF APPROVAL | KEYWORDS  | LINK TO NTPS  |
|------------------|--|-------------------|---|---|
| V010/2013Q3      | Research investigation of the neurochemical and behavioural consequences of psychotropic drug administration in the rat  | August 2013       | Olfactory bulbectomy; rat; antidepressant modelling; behaviour; neurochemistry                | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v010_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v010_2013q3.pdf?sfvrsn=2</a> |
| V011/2013Q3      | Regulatory project on the efficacy of a spot-on therapy against artificial infestations of fleas ( <i>Ctenocephalides felis</i> ) and ticks ( <i>Ixodes ricinus</i> ) using cats | August 2013       | Regulatory; Veterinary; Efficacy; <i>Ctenocephalides felis</i> ; <i>Ixodes ricinus</i> ; Cats | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v011_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v011_2013q3.pdf?sfvrsn=2</a> |
| V012/2013Q3      | Research investigation into the neurodevelopmental and behavioural effects of methamphetamine exposure during pregnancy and lactation in rats                                    | August 2013       | Methamphetamine; pregnancy; lactation; development; behaviour; rats                           | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v012_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v012_2013q3.pdf?sfvrsn=2</a> |
| V013/2013Q3      | Research investigation into the effect of gut surgery on obesity and diabetes associated end-organ damage using rats   | September 2013    | Bariatric surgery; diabetes; end-organ damage; rats   | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v013_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v013_2013q3.pdf?sfvrsn=2</a> |

| REFERENCE NUMBER | PROJECT TITLE   | MONTH OF APPROVAL | KEYWORDS  | LINK TO NTPS  |
|------------------|---|-------------------|---|---|
| V014/2013Q3      | Research investigation into the effect of administered gut hormones on diabetes and obesity associated renal disease in rats                | September 2013    | GLP-1, gut hormones, kidney disease, diabetes, obesity, rats        | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v014_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v014_2013q3.pdf?sfvrsn=2</a> |
| V015/2013Q3      | Research study investigating the migratory behaviour of blue sharks   | September 2013    | Blue shark, satellite tagging, migration                            | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v015_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v015_2013q3.pdf?sfvrsn=2</a> |
| V016/2013Q3      | Study involving training in the use of novel <i>in vivo</i> imaging techniques and optimisation of protocols using mice                     | September 2013    | Mice, imaging, photoacoustics, optical coherence tomography         | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v016_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v016_2013q3.pdf?sfvrsn=2</a> |
| V017/2013Q3      | Research study to develop a novel vaccine against the cystic fibrosis-associated pathogen, <i>Burkholderia cepacia</i> complex, using mice. | September 2013    | Cystic fibrosis, vaccine, <i>Burkholderia cepacia</i> complex, mice | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v017_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v017_2013q3.pdf?sfvrsn=2</a> |
| V018/2013Q3      | Research investigation to establish and test three mouse models of drug-induced ocular neovascularisation.                                  | September 2013    | Mouse, blindness, therapies, anti-angiogenic                        | <a href="http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v018_2013q3.pdf?sfvrsn=2">http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/q3-2013-july-to-september/v018_2013q3.pdf?sfvrsn=2</a> |