

Non-Technical Project Summary

Period of approval: October – December 2016

REFERENCE NUMBER	PROJECT TITLE	KEYWORDS	LINK TO NTPS
V001/2016Q4	Regulatory study to generate antisera using mice, rats, rabbits, goats and ferrets	Antisera production; vaccines; allergens; high affinity antibodies; mice; rats; ferrets; rabbits; goats	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v001_2016q4.pdf?sfvrsn=2
V002/2016Q4	Regulatory study: <i>in vivo</i> phase of vaccine immunogenicity/immunopotency studies using rats, mice and ferrets	Immunogenicity; immunopotency; vaccines; mice; ferrets; influenza	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v002_2016q4.pdf?sfvrsn=2
V003/2016Q4	Research project investigating the influence of the anaesthetic gas, xenon, on disease recurrence and metastasis in the 4T1 pre-clinical mouse model of breast cancer	Cancer; surgery; anaesthesia; recurrence; metastasis; xenon; mice	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v003_2016q4.pdf?sfvrsn=2
V004/2016Q4	Research project to discover new immunotherapeutic approaches for infection, cancer and autoimmune diseases using mice	Immunology; T cells; infection; cancer; autoimmunity	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v004_2016q4.pdf?sfvrsn=2
V005/2016Q4	Research project investigating psychedelic drugs as a potential novel treatment for drug addiction using rats	Drug addiction; cocaine; novel therapeutic; rat	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v005_2016q4.pdf?sfvrsn=2

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V006/2016Q4	Research project; Evaluation of novel cancer immunotherapy in a PDX model in mice	Immunotherapy; cancer; PDX model; tumour; mouse	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v006_2016q4.pdf?sfvrsn=2
V007/2016Q4	Research project assessing inhalable, drug-loaded particles for treatment of Tuberculosis using mice.	Translational and applied research: human respiratory disorders	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v007_2016q4.pdf?sfvrsn=2
V008/2016Q4	Research project; breeding of ACT1 T5171 (C57Bl/6 background) mice	Immunology; T cells; IL-17; ACT1; autoimmunity; mice	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v008_2016q4.pdf?sfvrsn=2
V009/2016Q4	Research project: The role of the ghrelinergic system in hippocampal plasticity in rats	Ghrelin; <i>in vivo</i> electrophysiology; local field potentials; long-term potentiation; rats	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v009_2016q4.pdf?sfvrsn=2
V010/2016Q4	Research project investigating the susceptibility of lumpfish (<i>Cyclopterus lumpus</i>) and Atlantic salmon (<i>Salmo salar</i>) to a newly discovered ranavirus	Atlantic salmon; aquaculture; lumpfish; cleaner fish; sea lice; ranavirus	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v010_2016q4.pdf?sfvrsn=2
V011/2016Q4	Research study involving the collection of turkey/chicken/guinea pig blood for use <i>in vitro</i> assays	Blood sampling; turkeys; chickens; guinea pigs; <i>in vitro</i> assays	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v011_2016q4.pdf?sfvrsn=2

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V012/2016Q4	Research project investigating the impact of housing characteristics on welfare and performance of beef cattle	Cattle; space allowance; floor type; welfare; performance	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntp/v012_2016q4.pdf?sfvrsn=2
V013/2016Q4	Research project investigating nanoparticle transport via the mesenteric lymphatic system using rats	Nanoparticles; mesenteric lymphatic transport; insulin; rats	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntp/v013_2016q3.pdf?sfvrsn=2
V014/2016Q4	Research project investigating PROMAST - Probiotics for Mastitis in dairy cows	Mastitis; probiotics; PROMAST; non-antibiotic; bovine	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntp/v014_2016q4.pdf?sfvrsn=2
V015/2016Q4	Research project to validate early diagnostic markers of endometritis in cows	Endometritis; post-partum; bovine immunology; cows	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntp/v015_2016q4.pdf?sfvrsn=2
V016/2016Q4	Research project investigating the role of forebrain hypocholinergia in neuroinflammatory and cognitive consequences of systemic inflammation using mice	Systemic inflammation; cognitive dysfunction; delirium; dementia; cholinergic; mice	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntp/v016_2016q4.pdf?sfvrsn=2
V017/2016Q4	Research project investigating the blood clotting effect of a synthetic protein in a rat model of liver and spleen injury	Blood clot; haemostasis; liver; spleen; synthetic protein; antithrombotic agents; rat	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntp/v017_2016q4.pdf?sfvrsn=2

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V018/2016Q4	Research project to test the safety and effectiveness of novel anti-angiogenic compounds in a mouse model of blindness	Blindness; anti-angiogenic; drug discovery; mice	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntp/v018_2016q4.pdf?sfvrsn=2
V019/2016Q4	Research study of the impacts of a major road re-alignment on the local badger population	Badger; GPS-tracking; disturbance; tuberculosis; vaccination	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntp/v019_2016q4.pdf?sfvrsn=2
V020/2016Q4	Research project defining the role of novel signalling molecules in colon cancer using mice	Colon cancer; adenoma; inflammation; mice	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntp/v020_2016q4.pdf?sfvrsn=2
V021/2016Q4	Research project defining the role of novel biotherapeutics in neutrophilia activation in mice	Neutrophils; Pellino IL-17A; inflammatory disease; antibodies; mice	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntp/v021_2016q4.pdf?sfvrsn=2
V022/2016Q4	Research project; Evaluation of tissue response to scaffold and scaffold-free extracellular matrix rich cell sheets produced under macromolecular crowding and hypoxia using mice	Cell-based therapy; cell sheet; biomaterials; mouse	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntp/v022_2016q4.pdf?sfvrsn=2
V023/2016Q4	Research project: A new medication to treat stroke patients using rats and mice	Stroke; neurology; cerebrovascular; mice; rats	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntp/v023_2016q4.pdf?sfvrsn=2

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V024/2016Q4	Research project: Treatment of <i>Staphylococcus aureus</i> biofilm infection of an intravascular catheter in a rat model using fibrinolytic agents	Staphylococcus aureus; biofilm; fibrinolysins; treatment; rat	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v024_2016q4.pdf?sfvrsn=2
V025/2016Q4	Research project: A systems-based patient stratification tool of Bcl-2 family protein interactions to evaluate acute treatment responses in rectal cancer patients using mice	Rectal cancer; Bcl-2 antagonist; radiotherapy; chemotherapy; mice	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v025_2016q4.pdf?sfvrsn=2
V026/2016Q4	Research project investigating the role of bile acids in mechanism of microbiome interaction with metabolic syndrome, hypertensive heart disease and diastolic dysfunction in pigs	Heart disease; metabolic syndrome; diastolic dysfunction; bile acids; gut micro biome; pig	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v026_2016q4.pdf?sfvrsn=2
V027/2016Q4	Research project assessing the impact of aspirin on chemotherapy response in adjuvant CRC settings using mice	Colorectal cancer; caspase-3; COX-2; aspirin; chemotherapy; mice; adjuvant treatment	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v027_2016q4.pdf?sfvrsn=2
V028/2016Q4	Research project evaluating immunological changes induced by liver fluke infection in cattle	Cattle; liver Fluke; control methods; immune response	http://www.hpra.ie/docs/default-source/vet---non-technical-project-summaries-folder/quarter-4-2016-ntps/v028_2016q4.pdf?sfvrsn=2