

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|---|---|----------------|-------------|------------------------|
| DNIR-001 | Telethon Kids Institute | WA | Murray Valley Encephalitis Virus | The researchers are aiming to produce a more effective vaccine against Murray Valley encephalitis virus and to test potential vaccines in mice. | Expired | 8 Mar 2002 | 30 Jun 2007 |
| DNIR-002 | The University of Queensland | QLD | Investigate gene therapy for hypertension | The aim is to develop a new model for gene therapy by treating rats with hypertension (high blood pressure) with a gene which produces atrial natriuretic peptide. | Withdrawn | | |
| DNIR-003 | Institute of Medical and Veterinary Science | SA | Construction of immortalized macrophage cell lines | This proposal aims to generate cell lines from macrophages isolated from patients who suffer from iron overload (haemochromatosis) to study the proteins involved in iron transport. | Surrendered | 21 Jan 2002 | 17 Dec 2002 |
| DNIR-004 | CSL Limited | VIC | Pilot Scale Fermentation and Processing of ESO-1 Antigen Expressed in Recombinant E.coli | The researchers will produce quantities of the protein coded for by the gene ESO-1, isolated from a human oesophageal carcinoma cell line, to be used to test the properties of the protein. | Expired | 4 Feb 2002 | 30 Jun 2009 |
| DNIR-005 | Murdoch University | WA | Testing Protection of Cattle From Fluoroacetate | This proposal aims to test if cattle can be protected against fluoroacetate, a poison found in some native plants, by inoculating them with genetically modified bacteria. | Expired | 11 Feb 2002 | 30 Jun 2004 |
| DNIR-006 | RMIT University | VIC | Evaluation of chimeric influenza virus, incorporating the fusion glycoprotein of respiratory syncytial virus | The researchers aim to generate a virus strain with potential as a live vaccine by replacing a gene from an influenza A virus strain with a gene from the respiratory syncytial virus. | Expired | 15 Feb 2002 | 31 Dec 2004 |
| DNIR-007 | RMIT University | VIC | Cloning and inactivation of phospholipase gene from Clostridium perfringens to produce a non-toxic vaccine antigen - additional information received 13/02/02 | The researchers are aiming to produce a vaccine against the chicken disease, necrotic enteritis, which is caused by the bacterium Clostridium perfringens. | Surrendered | 5 Mar 2002 | 22 Mar 2012 |
| DNIR-008 | St Vincent's Hospital (Melbourne) | VIC | The role of Osteoclast Inhibitory Lectin in breast cancer metastases to bone | This research is to see if, in mice, an inhibitor of osteoclast formation can slow the spread of human breast cancer cells to bone. | Expired | 18 Feb 2002 | 30 Apr 2003 |
| DNIR-009 | Novozymes Biopharma AU Limited | NSW | Production of humanised monoclonal antibodies from NSO cells | This proposal is to produce quantities of antibodies to be used in clinical trials. | Expired | 11 Mar 2002 | 28 Feb 2003 |
| DNIR-010 | Australian Water Quality Centre | SA | Rapid Methods for the Detection of Toxic Cyanobacteria | The aim of this project is to identify the genes associated with toxin synthesis in cyanobacteria and to construct cyanobacteria that don't produce the toxin. | Expired | 2 Apr 2002 | 31 Aug 2006 |
| DNIR-011 | Westmead Institute for Medical Research | NSW | Cryptococcal phospholipases and secretion pathways: structure & potential targets for therapeutics | The structure and function of the phospholipase proteins in the fungus Cryptococcus neoformans will be studied and fungus without the proteins tested in mice and wax moth larvae, Galleria mellonella | Licence Issued | 16 Apr 2002 | 31 Mar 2025 |
| DNIR-012 | Western Sydney Local Health District | NSW | Investigation of the roles of TNF α -related apoptosis-inducing ligand, TRAIL in the immune system | TRAIL is a molecule which is thought to specifically kill transformed and virus infected cells but not most normal human cells. The researchers are investigating the function of TRAIL within the immune system. | Surrendered | 11 Apr 2002 | 10 Feb 2005 |
| DNIR-013 | Western Sydney Local Health District | NSW | Studies of cell growth & survival | The aim of the proposed dealing is to investigate the biological processes that regulate cell growth and survival. | Expired | 16 Apr 2002 | 28 Feb 2008 |

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| DNIR-014 | The Victor Chang Cardiac Research Institute | NSW | Transient overexpression of adrenergic receptors via the use of adenoviral vectors | The researchers will harvest and purify adrenergic receptors from rat livers to study the structure of the receptors. | Withdrawn | | |
| DNIR-015 | Novozymes Biopharma AU Limited | NSW | Production of NeoGARD antigens | The aim is to produce the antigens used in manufacturing a vaccine against neonatal scour in pigs. | Surrendered | 2 Apr 2002 | 28 Apr 2006 |
| DNIR-016 | Novozymes Biopharma AU Limited | NSW | Production of domain 1 of the human plasma protein Beta 2-glycoprotein 1 | The project will produce recombinant protein which will be chemically modified for use in preclinical studies | Expired | 18 Feb 2002 | 31 Mar 2003 |
| DNIR-017 | CSIRO | VIC | Reverse Genetics of Newcastle Disease Virus (NDV) | The researchers will determine the role of the matrix protein gene in NDV. | Expired | 20 May 2002 | 30 Jun 2005 |
| DNIR-018 | CSIRO | NSW | Bone Repair | The aim is to identify genes and their most effective routes of administration to enhance bone repair. | Withdrawn | | |
| DNIR-019 | Deakin University | VIC | B55 gene over expression in Psammomys obesus | The researchers will study the effects on obesity and diabetes of over-expression of the B55 gene. | Expired | 10 May 2002 | 31 Aug 2004 |
| DNIR-020 | Novozymes Biopharma AU Limited | NSW | Production of members of the inhibin hormone family in mammalian, insect, yeast and bacterial cells | The project will produce recombinant hormones for research reagents, clinical research and commercial biopharmaceuticals. | Surrendered | 16 Apr 2002 | 28 Apr 2006 |
| DNIR-021 | QIMR Berghofer Medical Research Institute | QLD | HIV replication and gene expression | This project aims to determine the role of virus regulatory proteins in HIV replication and gene expression. | Licence Issued | 16 May 2002 | 31 Jul 2025 |
| DNIR-022 | Peter MacCallum Cancer Centre | VIC | Characterisation of the anti-apoptotic function of P-glycoprotein and transcriptional regulation of the MDR1 gene | The aim is to determine if the P-glycoprotein can protect tumour and normal cells against apoptosis (programmed cell death) produced by a variety of methods. | Surrendered | 3 Jun 2002 | 29 Jun 2007 |
| DNIR-023 | St Vincent's Hospital (Melbourne) | VIC | The role of the cytokines receptor gp130 in prostate cancer | This study aims to determine whether the activation of gp130 in prostate cells influences the progression of prostate cancer. | Withdrawn | | |
| DNIR-024 | Novozymes Biopharma AU Limited | NSW | Production of recombinant proteins in mammalian, insect, yeast and bacterial cells | The project will produce a large range of recombinant proteins for research reagents, clinical research and commercial biopharmaceuticals. | Surrendered | 25 Jun 2002 | 15 Jan 2008 |
| DNIR-025 | Royal Perth Hospital | WA | Meningococcal virulence genes | The aim is to characterise the function and expression levels of virulence genes of the human bacterial pathogen Neisseria meningitidis. | Surrendered | 5 Jul 2002 | 1 May 2007 |
| DNIR-026 | La Trobe University | VIC | The mechanisms of establishing and maintaining immunological memory | The aim is to investigate the development and maintenance of cytotoxic T lymphocyte (CTL) immunological memory against influenza virus proteins. | Licence Issued | 9 Jul 2002 | 31 Jan 2023 |
| DNIR-027 | University of Southern Queensland | QLD | Whooping cough vaccine IV | The aim is to create a safe non-invasive whooping cough vaccine which will neutralise consequences of the major toxin of Bordetella pertussis. | Surrendered | 14 Jun 2002 | 30 Nov 2009 |
| DNIR-028 | University of Southern Queensland | QLD | Whooping cough vaccine V | The aim is to study Bordetella pertussis genes which are important in developing immune responses and protection from infection in mice. | Surrendered | 5 Jul 2002 | 30 Nov 2009 |

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| DNIR-029 | Australian National University | ACT | A drug screen for anti-viral compounds | The aim is to screen compounds for their ability to inhibit the human immunodeficiency virus (type 1) budding process. | Surrendered | 19 Jul 2002 | 17 Jan 2006 |
| DNIR-030 | Biotron Limited | ACT | A drug screen for anti-viral compounds | The aim is to screen compounds for their ability to inhibit the human immunodeficiency virus (type 1) budding process. | Surrendered | 19 Jul 2002 | 11 Jul 2007 |
| DNIR-031 | The University of Sydney | NSW | Porcine growth hormone production from recombinant E.coli | The aim is to model and optimise the production process of porcine growth hormone in 50 litre fermentations. | Withdrawn | | |
| DNIR-032 | CSIRO | ACT | In vivo analysis of modified myxoma virus for immunocontraception and vaccine development | The purpose of the proposed dealings is to produce recombinant myxoma viruses that could be used in the development of immunocontraceptives and/or vaccines. | Surrendered | 24 Jul 2002 | 26 Aug 2005 |
| DNIR-033 | Western Sydney Local Health District | NSW | Mechanisms by which CD44 variant exon 6 promotes disease progression in acute leukemia | The aim of the proposed dealings is to investigate the effect of the protein CD44v6 on the proliferation and survival of leukemic cells in culture and in mice. | Expired | 12 Jul 2002 | 30 Jun 2006 |
| DNIR-034 | Australian National University | ACT | Modification of myxoma virus for immunocontraception and vaccine development | The purpose of the proposed dealings is to produce recombinant myxoma viruses that could be used in the development of immunocontraceptives and/or vaccines. | Surrendered | 24 Jul 2002 | 27 Feb 2014 |
| DNIR-035 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | A replicon-based vaccine for Hepatitis C Virus (HCV) | The purpose of the proposed dealings is to develop a vaccine for hepatitis C virus (HCV) using a novel RNA-based replicon system. | Surrendered | 23 Aug 2002 | 17 Oct 2007 |
| DNIR-036 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | A cell culture system for Hepatitis C Virus | The aim of the proposed dealings is to develop a mammalian cell culture system to study Hepatitis C virus using recombinant baculoviruses. | Surrendered | 23 Aug 2002 | 17 Oct 2007 |
| DNIR-037 | The University of Adelaide | SA | Replication of GB-Virus and related Chimeras | The aim of this study is to develop a mammalian cell culture system to study Hepatitis C virus (HCV) using chimerics of HCV and GB viruses. | Licence Issued | 23 Aug 2002 | 31 Mar 2022 |
| DNIR-038 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | Molecular interactions between HIV-1 and host gene products | The aim of the proposed dealings is to test the impact of the expression of cellular proteins on HIV-1 and MLV replication in mammalian cell culture. | Licence Issued | 2 Sep 2002 | 22 Dec 2023 |
| DNIR-039 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | Impact of host gene products on HIV-1 replication in mammalian cells | The aim of the proposed dealings is to test the impact of the expression of cellular proteins on HIV-1 and MLV replication in mammalian cell culture. | Integrated into DNIR-038 | | |
| DNIR-040 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | Effect of host gene products that interact with HIV-1 reverse transcriptase on MoMLV replication | The aim of the proposed dealings is to test the impact of the expression of cellular proteins on HIV-1 and MLV replication in mammalian cell culture. | Integrated into DNIR-038 | | |

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| DNIR-041 | Peter MacCallum Cancer Centre | VIC | Characterisation of the signalling and cell biology of CD46 and the Dig family | The aim of the proposed dealing is to study the effects on immune cell function of the protein CD46 and its Dlg family in human and mouse cells. | Expired | 2 Sep 2002 | 30 Mar 2006 |
| DNIR-042 | James Cook University | QLD | Cross infection of bacteriophages in Vibrio cholerae, Vibrio mimicus and Vibrio harveyi | The effect of swapping bacteriophages from one species of Vibrio to another will be examined. The aim is to see if the cholera pandemic of 1989 could be related to an outbreak of Vibrio harveyi in prawns. | Withdrawn | | |
| DNIR-043 | CSIRO | ACT | In vivo testing of immuno-contraceptive effects and species specificity of a recombinant murine cytomegalovirus (MCMV) expressing mouse ZP3 | The aim of this dealing is to test the efficacy and specificity of a recombinant murine cytomegalovirus (MCMV) containing a mouse reproductive protein as an immunocontraceptive in house mice and a number of native and exotic rodent species. | Surrendered | 7 Aug 2002 | 26 Aug 2005 |
| DNIR-044 | Baker Medical Research Institute | VIC | A viral mediated approach to examine Sgk in cellular function | This dealing aims investigate the role of Sgk (serum and glucocorticoid induced kinase) in heart disease using replication deficient adenoviruses in cell culture. | Withdrawn | | |
| DNIR-045 | Hospira Adelaide Pty Ltd | SA | Production of recombinant PST and amino acid analogues of that hormone | The proposed dealings are to produce the protein pig somatotropin. | Surrendered | 17 Sep 2002 | 13 Feb 2004 |
| DNIR-046 | Hospira Adelaide Pty Ltd | SA | Production of recombinant MET - human growth hormone | The proposed dealings are to produce the therapeutic protein human growth hormone. | Surrendered | 17 Sep 2002 | 13 Feb 2004 |
| DNIR-047 | Hospira Adelaide Pty Ltd | SA | Production of recombinant human granulocyte-macrophage colony-stimulating factor (GM-CSF) and amino-acid analogues of this cytokine | The proposed dealings are to produce the therapeutic protein human granulocyte macrophage colony stimulating factor (GM-CSF) or analogue. | Surrendered | 17 Sep 2002 | 13 Feb 2004 |
| DNIR-048 | Hospira Adelaide Pty Ltd | SA | Production of recombinant human interleukin 5 (IL-5) and amino acid analogues of this cytokine | The proposed dealings are to produce the protein human interleukin 5 (IL 5). | Surrendered | 17 Sep 2002 | 13 Feb 2004 |
| DNIR-049 | Western Sydney Local Health District | NSW | A preclinical model of pancreatic islet xenotransplantation as treatment for Type 1 Diabetes | This dealing aims to produce pig and mouse pancreatic islet cells that can avoid the human immune system. | Expired | 26 Sep 2002 | 30 Sep 2007 |
| DNIR-050 | Western Sydney Local Health District | NSW | HIV immunopathogenesis and immune cell function | The aim of the proposed dealings is to study one possible mechanism whereby HIV depletes the immune cells in people. | Expired | 26 Sep 2002 | 30 Nov 2007 |
| DNIR-051 | Western Sydney Local Health District | NSW | Growth of tissue culture cells genetically modified to express cytokine receptor subunit | The aim is to study the function of lymphocytes (white blood cells) and the effect of cytokine receptors on the development or treatment of severe combined immunodeficiency. | Expired | 26 Sep 2002 | 30 Nov 2007 |
| DNIR-052 | Westmead Institute for Medical Research | NSW | Molecular pathogenesis of Bartonella henselae | The aim of the proposed dealings is to study Bartonella henselae, a bacterium which causes cat scratch disease. | Licence Issued | 26 Sep 2002 | 30 Sep 2022 |
| DNIR-053 | Novozymes Biopharma AU Limited | SA | Commercial production of LongR3IGF-1 and IGF-1 | The proposed dealings are to produce both native and variant forms of the protein IGF-1. | Withdrawn | | |
| DNIR-054 | Queensland Health Forensic and Scientific Services | QLD | Cell complemented viruses as non-infectious diagnostic reagents and candidate vaccines. Australian Bat Lyssavirus | The dealings propose to produce diagnostic reagents and potential vaccines for the viral disease Australian Bat lyssavirus. | Surrendered | 20 Sep 2002 | 6 May 2010 |
| DNIR-055 | Queensland Health Forensic and Scientific Services | QLD | Cell complemented Hendra virus as a non-infectious diagnostic reagent and as a model for studying genetic and phenotypic changes affecting pathogenicity and host range | The dealings propose to produce diagnostic reagents and potential vaccines for the disease caused by Hendra virus. | Surrendered | 20 Sep 2002 | 12 Nov 2007 |

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| DNIR-056 | Queensland Health Forensic and Scientific Services | QLD | Cell complemented viruses as non-infectious diagnostic reagents and candidate vaccines. Ross River Virus | The dealings propose to produce diagnostic reagents and potential vaccines for the disease caused by Ross River virus. | Expired | 20 Sep 2002 | 28 Feb 2014 |
| DNIR-057 | The Walter and Eliza Hall Institute of Medical Research | VIC | Transfection of Plasmodium falciparum | These dealings aim to study the parasite which causes malaria, Plasmodium falciparum. | Surrendered | 9 Sep 2002 | 7 Nov 2008 |
| DNIR-058 | The Walter and Eliza Hall Institute of Medical Research | VIC | Expression of genes in Leishmania | The aim of the proposed dealing is to study the parasite Leishmania and immune responses to the parasite in mice. | Expired | 13 Sep 2002 | 30 Sep 2010 |
| DNIR-059 | The Walter and Eliza Hall Institute of Medical Research | VIC | Transduction of cells and tissue by adenoviral vectors for transplantation | The proposed dealing aims to develop tissues which may be able to be transplanted in people from pigs, mice and human cell lines and test these tissues in mice. | Withdrawn | | |
| DNIR-060 | The Walter and Eliza Hall Institute of Medical Research | VIC | Transduction of cells and tissue by lentivirus vectors for transplantation | The proposed dealing aims to develop tissues which may be able to be transplanted in people from pigs, mice and human cell lines and test these tissues in mice. | Withdrawn | | |
| DNIR-061 | The Walter and Eliza Hall Institute of Medical Research | VIC | Generation and use of recombinant Adenovirus | This project aims to develop a recombinant adenovirus vector system to deliver mouse genes into mouse tissue cultures and organs. | Withdrawn | | |
| DNIR-062 | The Walter and Eliza Hall Institute of Medical Research | VIC | Adenovirus mediated gene transfer in murine models of rheumatoid arthritis | This project aims to use a mouse model of rheumatoid arthritis to test the effect of proteins thought to regulate inflammation of synovial tissue. | Withdrawn | | |
| DNIR-063 | The Walter and Eliza Hall Institute of Medical Research | VIC | Retroviral mediated gene transfer into murine haemopoietic cells | The researchers propose to transfer and study genes thought to be involved in cell growth, proliferation, apoptosis (programmed cell death) and differentiation in cell cultures. | Surrendered | 26 Sep 2002 | 28 Sep 2007 |
| DNIR-064 | Peter MacCallum Cancer Centre | VIC | Negative regulation of haematopoiesis by P-selectin | The aim is to determine a signal transduction pathway and see how this results in suppression of blood cell production. | Expired | 26 Sep 2002 | 30 Apr 2004 |
| DNIR-065 | Peter MacCallum Cancer Centre | VIC | Immunotherapy of cancer using recombinant viruses | This project aims to assess the anti-tumour potential of a melanocyte protein vaccine. | Surrendered | 26 Sep 2002 | 24 Aug 2007 |
| DNIR-066 | CSIRO | VIC | Porcine adenovirus viral vectors | Adenovirus from pigs will be genetically modified for use as vaccines and therapeutics for a range of animal diseases. | Licence Issued | 26 Sep 2002 | 31 Aug 2022 |
| DNIR-067 | CSIRO | VIC | Development of Vaccines to protect against members of the pasturellaceae | This project aims to develop vaccines against Pasteurellaceae associated diseases in production animal species. | Surrendered | 26 Sep 2002 | 27 Sep 2013 |
| DNIR-068 | CSIRO | VIC | Fowl adenovirus recombinants | The proponents intend to construct and test different genetically modified fowl adenoviruses as potential vaccines against diseases in chickens and dogs. | Licence Issued | 26 Sep 2002 | 31 Jan 2024 |
| DNIR-069 | CSIRO | VIC | Identification of virulence factors for infectious bursal disease virus (IBDV) | The researchers are planning to identify what parts of the virus makes IBDV infectious to chickens. | Expired | 26 Sep 2002 | 31 Dec 2005 |

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| DNIR-070 | CSL Limited | VIC | Expression of Helicobacter pylori proteins in E.coli | The dealing is to produce quantities of proteins from the "stomach -ulcer" bacterium Helicobacter pylori for potential use as vaccines. | Expired | 26 Sep 2002 | 31 Dec 2005 |
| DNIR-071 | Australian Defence Force Malaria and Infectious Disease Institute | QLD | JE CHIMERIVAX | The aim is to test the safety and efficacy of a yellow fever vaccine genetically modified to vaccinate against Japanese encephalitis in human volunteers. | Expired | 26 Sep 2002 | 31 Dec 2010 |
| DNIR-072 | CSIRO | VIC | Construction of recombinant ranaviruses | Ranaviruses are viruses of fish, frogs and reptiles and this project aims to develop technology to genetically modify these viruses. | Surrendered | 26 Sep 2002 | 28 Sep 2007 |
| DNIR-073 | Baker Medical Research Institute | VIC | Viral mediated approaches to examine the effects of dehydrogenase on cardiac function | The aim is to express four enzymes in cell culture and to test the effect of the enzymes on cultured heart cells. | Withdrawn | | |
| DNIR-074 | Baker Medical Research Institute | VIC | Signalling pathways in myocardial preparations | The aim is to study mechanisms which may be involved in sudden cardiac deaths. | Withdrawn | | |
| DNIR-075 | Baker Medical Research Institute | VIC | A viral mediated approach to examine SMAD in cellular functions | The researchers will study the role of specific proteins stimulated by Smad dependent mechanisms, by modulating Smad genes in wound healing, inflammation and cell development. | Withdrawn | | |
| DNIR-076 | Murdoch University | WA | Generation of infectious cucumber mosaic virus clones | Cucumber mosaic virus is a disease of lupins and many other plants. The researchers intend to study the interactions between the virus and lupins. | Expired | 25 Oct 2002 | 30 Apr 2014 |
| DNIR-077 | Department of Primary Industries (NSW) | NSW | Bioassay evaluation of bacteria expressing insecticidal genes | The aim is to identify proteins toxic to the rice bloodworm Chironomus tepperi from bacteria. | Surrendered | 25 Oct 2002 | 13 Jun 2007 |
| DNIR-078 | Department of Primary Industries (NSW) | NSW | Toxicity of modified rice callus to Chironomus larvae | The aim is to insert and test proteins toxic to the rice bloodworm Chironomus tepperi in tissue cultures of rice. | Integrated into DNIR-077 | | |
| DNIR-079 | Centenary Institute of Cancer Medicine and Cell Biology | NSW | Development of new vaccines against tuberculosis | The aim is to develop and test vaccines to protect against the human bacterial disease tuberculosis. | Expired | 25 Oct 2002 | 31 Dec 2013 |
| DNIR-080 | Melbourne Health | VIC | Packaging of hepatitis delta virus (HDV) with modified envelope protein | The researchers propose to genetically modify hepatitis delta virus (HDV) so that it can infect cells other than liver cells, such as cancer cells, as a potential treatment. | Licence Issued | 8 Nov 2002 | 30 Sep 2021 |
| DNIR-081 | University of Wollongong | NSW | Molecular analysis of Streptococcus pyogenes | The aim is to understand the role of specific gene products of the bacteria Streptococcus pyogenes in the onset of disease and to develop vaccines to protect against the disease. | Licence Issued | 8 Nov 2002 | 31 Oct 2022 |
| DNIR-082 | University of Wollongong | NSW | Molecular analysis of Mycoplasma hyopneumoniae and vaccine development | The aim is to understand the role of specific gene products of the bacteria Mycoplasma hyopneumoniae in the onset of disease and to develop vaccines to protect against the disease. | Surrendered | 8 Nov 2002 | 9 Dec 2013 |
| DNIR-083 | St Vincent's Hospital (Melbourne) | VIC | Breast cancer invasion and metastasis | Tagged breast cancer cells will be inoculated into mice to assess how tumours develop. | Surrendered | 4 Nov 2002 | 11 Jul 2007 |

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| DNIR-084 | Western Sydney Local Health District | NSW | The role of SDF-1 in normal leukemic pre-B cell interactions with bone marrow stroma | SDF-1 is thought to be a key regulator of the behaviour of cells involved in acute lymphoblastic leukemia and this project aims to study how it works. | Surrendered | 8 Nov 2002 | 12 Sep 2006 |
| DNIR-085 | Western Sydney Local Health District | NSW | Analysis of the effects of CD44 variant exon 6 expression on adhesion and migration of human leukemia cells | CD44 is thought to affect cells involved in myeloid leukemia and this project aims to study how variations of CD44 act. | Surrendered | 8 Nov 2002 | 7 Jan 2008 |
| DNIR-086 | Westmead Institute for Medical Research | NSW | HIV Biology | The aim is to understand the biology of the human immune deficiency virus as the basis for better drug and vaccine development. | Licence Issued | 15 Nov 2002 | 30 Oct 2021 |
| DNIR-087 | Australian National University | ACT | Molecular genetic studies of Shigella virulence | Shigella can cause dysentery. They hope to find the genes which are involved in disease development. | Licence Issued | 15 Nov 2002 | 30 Nov 2022 |
| DNIR-088 | Monash University | VIC | Cloning of genes from Mycobacterium ulcerans in other mycobacteria | Mycobacterium ulcerans can cause skin ulcers in people. The ulcers are thought to be due to the production of mycolactone by the bacteria and the researchers are aiming to identify the genes responsible for mycolactone production. | Surrendered | 29 Nov 2002 | 6 May 2010 |
| DNIR-089 | Monash University | VIC | Cloning of genes from Mycobacterium ulcerans | Mycobacterium ulcerans can cause skin ulcers in people. The ulcers are thought to be due to the production of mycolactone by the bacteria and the researchers are aiming to identify the genes responsible for mycolactone production. | Surrendered | 29 Nov 2002 | 6 May 2010 |
| DNIR-090 | The University of Western Australia | WA | Immunocontraception and antigen delivery by recombinant Cytomegaloviruses | The aim of this dealing is to genetically modify various cytomegaloviruses (CMVs) to contain reproductive proteins and other proteins and to test these GMOs as immunocontraceptives and vaccines in a number of animal species. | Licence Issued | 23 Dec 2002 | 31 Dec 2021 |
| DNIR-091 | Harry Perkins Institute of Medical Research | WA | Recombinant vaccinia virus encoding CMV or HCV genes | The aim is to examine the host response to cytomegalovirus and hepatitis C virus proteins to test for protective immune responses. | Licence Issued | 25 Nov 2002 | 30 Jun 2021 |
| DNIR-092 | Central Adelaide Local Health Network | SA | Molecular Models of Bone and Tissue Remodeling | The aim is to introduce genes of interest into primary human and rodent cell lines of bone origin to study the effects of their forced expression on the formation of bone and other connective tissue. | Surrendered | 21 Nov 2002 | 30 Oct 2008 |
| DNIR-093 | Institute of Medical and Veterinary Science | SA | Novel Retroviral Expression Cloning Strategies to Isolate Genes with Roles in Haemopoiesis and Stromal Biology | The aim is to isolate novel cDNAs which encode for proteins which regulate haemopoietic and stromal cell differentiation. This will be achieved using retroviral expression cloning techniques. | Surrendered | 25 Nov 2002 | 30 Jun 2008 |
| DNIR-094 | St Vincent's Hospital Sydney Limited | NSW | Clinical Protocol HVDDT - NO1-AI-05395 - Fowlpox vaccine | The aim of this dealing is to determine the safety and immunogenicity of an HIV vaccine regimen. | Expired | 27 Nov 2002 | 30 Apr 2006 |
| DNIR-095 | St Vincent's Hospital Sydney Limited | NSW | Clinical Protocol HVDDT - NO1-AI-05395 - DNA vaccine | The aim of this dealing is to determine the safety and immunogenicity of an HIV vaccine regimen. | Expired | 18 Nov 2002 | 30 Apr 2006 |
| DNIR-096 | The University of Sydney | NSW | Investigation into the genes responsible for ochratoxin A production in Aspergillus carbonarius and Aspergillus niger | The aim of this dealing is to clone and sequence the biosynthetic pathway genes involved in ochratoxin A synthesis in Aspergillus carbonarius. | Surrendered | 29 Nov 2002 | 25 May 2009 |

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| DNIR-097 | Australian National University | ACT | Molecular Biology of Phytophthora pathogenicity | The aim of this dealing is to identify Phytophthora genes that are involved in the infection of host plants. | Expired | 29 Nov 2002 | 30 Apr 2013 |
| DNIR-098 | Royal Perth Hospital | WA | Construction of vaccinia virus recombinants carrying HCV antigens and their use in detecting cytokine responses in human peripheral blood leucocytes | The aim of this dealing is to make recombinant vaccinia viruses that contain HCV genes and to use these viruses to observe the immunological responses of peripheral blood mononuclear cells (PBMCs) in vitro to endogenously synthesised HCV proteins. | Expired | 27 Nov 2002 | 31 Jan 2007 |
| DNIR-099 | Royal Perth Hospital | WA | Development and characterisation of viral hybrids containing various segments of flaviviridae genomes | The aim of this dealing is to make recombinant attenuated hepatitis C viruses and to use these viruses to elucidate the replicative mechanisms of hepatitis C virus. | Expired | 29 Nov 2002 | 31 Jan 2005 |
| DNIR-100 | South Eastern Sydney Local Health District | NSW | Human and Ovine Adenovirus Vectors for Cancer gene therapy | The aim of this dealing is to examine the efficacy of a treatment for prostate cancer that uses adenoviral vectors, in the mouse model. | Surrendered | 4 Mar 2003 | 20 Aug 2012 |
| DNIR-101 | Western Sydney Local Health District | NSW | The identification & investigation of virulence factors in legionella longbeachae | The aim of this dealing is to create a mutant strain of Legionella longbeachae (LL) lacking the pilD virulence gene and to study the role of this gene in the virulence of LL. | Surrendered | 3 Jan 2003 | 31 Jul 2008 |
| DNIR-102 | Western Sydney Local Health District | NSW | Genetics and biochemical characterisation of cryptococcal phospholipases in relation to fungal virulence | The aim of this dealing is to first isolate the phospholipase gene from a particular cryptococcal strain and then study the role of this gene in the virulence of Cryptococcus neoformans by creating a mutant C. neoformans lacking the gene. | Surrendered | 9 Jan 2003 | 31 Jul 2008 |
| DNIR-103 | Department of Agriculture and Fisheries | QLD | Cloning the Complete Genomes of Alpha herpesviruses | The aim of this dealing is to produce recombinant herpesvirus vaccines through the utilisation of infectious clone technology. | Surrendered | 15 Jan 2003 | 22 Jun 2007 |
| DNIR-104 | The University of Melbourne | VIC | The Antigenicity and Replication of Hepatitis B Virus Vaccine and Lamivudine Resistant Mutants and Humoral Plus Cellular Immune Responses to Hepatic C Virus | The aim of this dealing is to study the antigenicity (ability of a substance to cause an immune response) and replication of hepatitis B virus mutants and to analyse the humoral (antibody) and cellular (T-cell) immune responses to hepatitis C virus. | Expired | 16 Jan 2003 | 30 Apr 2020 |
| DNIR-105 | Melbourne Health | VIC | Studies of Replication of Hepatitis C Virus and Hepatitis C Virus in Mammalian Cells | The aim of this dealing is to infect liver cells using baculovirus containing hepatitis B and C viral DNA and to study the replication of hepatitis B and C virus in these cells. | Surrendered | 16 Jan 2003 | 27 Sep 2013 |
| DNIR-106 | Monash University | VIC | Genetics and Pathogenesis of the Clostridia | The aim of this dealing is to study genes identified as potentially having a role in the pathogenesis, antibiotic resistance or gene transfer of C. perfringens, C. septicum and C. difficile. | Licence Issued | 22 Jan 2003 | 31 Jan 2023 |
| DNIR-107 | Central Adelaide Local Health Network | SA | Virus Replication and Viral Pathogenesis | The aim of this dealing is to investigate the function of different viral genes and their role in regulating viral replication and viral pathogenesis. | Expired | 24 Jan 2003 | 31 Jan 2013 |

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| DNIR-108 | Central Adelaide Local Health Network | SA | Targeted gene delivery for vascular and neoplastic disease | The aim of this dealing is to use targeted gene delivery to investigate pulmonary vascular disease, tumour vasculature and cancer. | Licence Issued | 24 Jan 2003 | 31 Mar 2025 |
| DNIR-109 | Peter MacCallum Cancer Centre | VIC | Signal transduction pathways in human cancers | The aim of this dealing is to understand the genetic and biochemical changes involved in the development of cancer using human and mouse cells as model systems for human disease. | Surrendered | 29 Jan 2003 | 26 Oct 2007 |
| DNIR-110 | Peter MacCallum Cancer Centre | VIC | Novel approaches for activation and expansion of genetically engineered T cells in vivo | The aim of this dealing is to study the anti-tumour activity, expansion and survival of mouse and human primary lymphocytes (T cells) in vivo, that have been genetically modified to express single chain antibody receptors. | Expired | 17 Jan 2003 | 31 Jan 2018 |
| DNIR-111 | Peter MacCallum Cancer Centre | VIC | Analysis of the molecular functions of perforin: a critical role in tumour immunosurveillance | The aim of this dealing is to express wildtype and mutant perforin cDNAs in perforin-deficient cell lines (rat mast cell line, RBL) and primary mouse T-lymphocytes to understand the structure/function relationship of the perforin molecule. | Surrendered | 29 Jan 2003 | 26 Oct 2007 |
| DNIR-112 | Deakin University | VIC | Overexpression of diabetes/obesity related genes in cultured cells and animals using recombinant Adenovirus | The aim of this dealing is to study the roles of newly identified genes in the development of diabetes and obesity. | Expired | 28 Jan 2003 | 31 Dec 2007 |
| DNIR-113 | Monash University | VIC | Infectious RNA of human caliciviruses | Infection of cultured cells by calicivirus particles has not been demonstrated and the researchers hypothesise this is due to defective virus particle attachment and entry. The aim of this dealing is to bypass this block by using viral nucleic acid. | Surrendered | 29 Jan 2003 | 12 Jul 2007 |
| DNIR-114 | Institute of Medical and Veterinary Science | SA | Generation of murine haemopoietic cells expressing human BCR/ABL | The aim of this dealing is to model human Chronic Myeloid Leukaemia (CML) in mice by delivering the leukaemogenic BCR/ABL DNA sequence to primary murine haemopoietic cells. Small molecule therapies for CML will also be examined. | Withdrawn | | |
| DNIR-115 | The Walter and Eliza Hall Institute of Medical Research | VIC | Transfection and Gene Knockout/down of Plasmodium and Mammalian Cell Lines | The researchers propose to use short sequences of dsRNA produced by stable expression vectors to silence the expression of genes in either mammalian cell lines or malaria. They also propose to study the pathogenesis of P. berghei malaria in various murine gene knockout models. | Surrendered | 14 Feb 2003 | 15 Jan 2008 |
| DNIR-116 | The Walter and Eliza Hall Institute of Medical Research | VIC | Functional Analysis of Malaria Parasite Proteins using Transfection of Plasmodium Species of Human and Rodent Origin | The aim of this dealing is to study the role of particular malaria proteins in various aspects of the parasite's lifecycle by transfecting the parasite with Plasmodium genes. | Expired | 7 Feb 2003 | 28 Feb 2015 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|-------------------------------|-------|---|--|-------------|-------------|------------------------|
| DNIR-117 | Avexa Limited | VIC | Creation of a Recombinant Baculovirus Harboring a Greater than Genome Length of the HIV Genome Capable of Transducing Hepatoma Cell Lines | The aim of this dealing is to create a recombinant baculovirus that harbours a greater than full length copy of the HBV genome and to use this virus to transfect cell lines. The transfected cells will be used to screen for antiviral compounds. | Surrendered | 7 Feb 2003 | 21 Nov 2007 |
| DNIR-118 | Avexa Limited | VIC | Construction of Recombinant HIV Clones and Viruses | The aim of this dealing is to construct and grow molecular clones of HIV in E. coli and to produce and grow HIV and recombinant HIV in mammalian cell lines. The viruses produced will be used in assays for the development of antiviral compounds. | Surrendered | 12 Feb 2003 | 29 Aug 2011 |
| DNIR-119 | CSL Limited | VIC | Expression of Human Papilloma Virus Antigens | The aim of this dealing is to express human papillomavirus protein antigens in E. coli and to purify these proteins in order to formulate a vaccine. | Surrendered | 12 Feb 2003 | 29 Aug 2011 |
| DNIR-120 | Peter MacCallum Cancer Centre | VIC | Role of SMC6 in Cell Growth, DNA Damage Repair, Cell Cycle Control and Chromosome Stability | The aim of this dealing is to suppress the expression of SMC6 in human and mouse cells by transforming the cells with retroviruses capable of producing small interfering RNAs (SIRNAs). | Withdrawn | | |
| DNIR-121 | The University of Adelaide | SA | Cereal Transformation | The researchers intend to introduce various genes into rice callus tissues. They aim to improve gene transfer efficiency and understand the effects of targeted modification of the rice glutelin gene on its expression and stability in transgenic plants. | Withdrawn | | |
| DNIR-122 | CSL Limited | VIC | Pilot scale fermentation and processing of antibody fragments expressed in GMOs | The aim of this dealing is to produce antibody fragments using GMOs and to evaluate them for the treatment of a variety of animal and human disease conditions. | Surrendered | 28 Feb 2003 | 26 Feb 2008 |
| DNIR-123 | Melbourne Health | VIC | Studies on the replication of hepatitis C virus (HCV) | The aim of this dealing is to produce a DNA copy of HCV that contains only the regions of the virus necessary for the virus to replicate. The researchers intend to study HCV replication and design and test antiviral compounds that stop this process. | Surrendered | 10 Feb 2003 | 22 Jun 2007 |
| DNIR-124 | Melbourne Health | VIC | Replication of hepatitis B virus, duck hepatitis B virus and woodchuck hepatitis virus and the testing of antiviral agents | The aim of this dealing is to study the replication of HBV, DHBV and WHV and to investigate the growth of these viruses in the presence of antiviral agents. Variants of HBV associated with resistance to antiviral agents will also be studied. | Surrendered | 21 Feb 2003 | 27 Sep 2013 |
| DNIR-125 | Melbourne Health | VIC | Studies of the replication of hepatitis B virus using recombinant HBV/adenovirus as a delivery system for mammalian cells and studies of HBV and HCV co-infection using HBV/adenovirus and HCV clones | The aim of this dealing is to study the replication of HBV by infecting liver cells with HBV using a modified adenovirus containing HBV DNA. HCV genetic material will also be introduced to HBV infected cells to investigate HBV and HCV co-infection. | Surrendered | 28 Feb 2003 | 27 Sep 2013 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|---|---|--------------------------|-------------|------------------------|
| DNIR-126 | University of New South Wales | NSW | Molecular Regulation of Cell Lifespan and Malignant Transformation | The aim of this dealing is to investigate the molecular regulation of cell lifespan and malignant transformation by genetically modifying mammalian cells with genes of interest. | Surrendered | 14 Feb 2003 | 21 Dec 2007 |
| DNIR-127 | The University of Queensland | QLD | Development of a Gene Transfer Vector For Banana | The aim of this dealing is to develop a gene transfer vector for the banana plant and other plant species. | Expired | 19 Feb 2003 | 28 Feb 2018 |
| DNIR-128 | Harry Perkins Institute of Medical Research | WA | Expressing Hemopoietic Regulators in Cells using Amphotropic Retroviruses. | The aim of this dealing is to transfer genes associated with haemopoietic regulation into cells using a replication defective retrovirus, and to study the effects of this altered gene expression on haematopoiesis. | Surrendered | 6 Mar 2003 | 21 Sep 2007 |
| DNIR-129 | Queensland University of Technology | QLD | Cloning of Genes from Potentially Toxigenic Risk Group Two Bacteria | The aim of this dealing is to analyse genes from a variety of risk group 2 bacteria for commonalities. | Surrendered | 7 Mar 2003 | 7 Jan 2008 |
| DNIR-130 | Royal Perth Hospital | WA | Use of Retroviral and Lentiviral Gene Delivery Systems for the Expression of HCV Proteins in Cell Culture | The aim of this dealing is to use retroviruses and lentiviruses to express various HCV proteins. These viruses will be used to study the replication of HCV in cell culture. | Surrendered | 7 Mar 2003 | 26 Feb 2008 |
| DNIR-131 | Institute of Medical and Veterinary Science | SA | Expression of the GM-CSF Receptor Alpha and Beta Chains from a Single Retroviral Construct | The aim of this project is to test agents known to block the action of GM-CSF on mice containing bone marrow cells that express the human GM-CSF receptor. | Withdrawn | | |
| DNIR-132 | University of Southern Queensland | QLD | Whooping Cough Vaccine VI | The aim of this dealing is to develop a genetically modified non-toxic whooping cough vaccine. | Surrendered | 13 Mar 2003 | 31 Mar 2008 |
| DNIR-133 | University of Southern Queensland | QLD | Pasturella Multocida Type A Genes and Gene Products - 1 | The aim of this dealing is to study the role of various genes and gene products in the pathogenesis of P. multocida. | Surrendered | 13 Mar 2003 | 31 Mar 2008 |
| DNIR-134 | University of Southern Queensland | QLD | Mechanisms of Immunity in Salmonellosis | The aim of this dealing is to characterise the immunoregulating factors produced by mice vaccinated with two attenuated strains of Salmonella typhimurium. | Integrated into DNIR-132 | | |
| DNIR-135 | Central Adelaide Local Health Network | SA | Conditionally Replicative Adenoviruses for Neoplastic Disease | The aim of this dealing is to generate adenoviruses that will only replicate in the presence of specific tumour cell proteins. The adenoviruses will be tested for their impact on cell function. | Expired | 29 Apr 2003 | 30 Apr 2013 |
| DNIR-136 | Orica Australia Pty Ltd | VIC | Production of Pesticide Degrading Enzymes Using Recombinant E.coli | The aim of this dealing is to produce commercial quantities of pesticide-degrading enzymes using recombinant E. coli. | Expired | 6 Mar 2003 | 31 Jan 2008 |
| DNIR-137 | Progen Industries Limited | QLD | Geneswitch | The aim of this dealing is to produce large amounts of plasmid that will be purified and formulated into a drug product (EPO) for clinical investigation in humans. | Expired | 24 Mar 2003 | 31 Mar 2008 |
| DNIR-138 | Hospira Adelaide Pty Ltd | SA | Large Scale Production of Recombinant Peptides or Proteins | The aim of this dealing is to produce a sufficient quantity of specific recombinant peptides or proteins to supply product for clinical trials and/or commercialisation. | Surrendered | 26 Mar 2003 | 25 Mar 2008 |

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|----------|-------------------------------|-------|--|---|-------------|-------------|------------------------|
| DNIR-139 | CSIRO | ACT | Recombinant Canine Herpesvirus as Vaccine Vector | The aim of this dealing is to construct a recombinant canine herpesvirus to be used as a vaccine vector. | Surrendered | 31 Mar 2003 | 26 Aug 2005 |
| DNIR-140 | The University of New England | NSW | Characterisation of DNA Region Associated With the Virulence of D. nodosus | The aim of this dealing is to identify genes which control virulence of D. nodosus, and to use this information to assist in the diagnosis, treatment or prevention of footrot. | Expired | 2 Apr 2003 | 15 May 2014 |
| DNIR-141 | CSIRO | SA | Molecular Virology | The viruses under investigation pose a significant risk to tomato, cotton and viticulture industries. The aim of this dealing is to characterise the roles of viral genes in viral replication and to assess the use of virus derived gene constructs for preventing disease. | Withdrawn | | |
| DNIR-142 | Agen Biomedical | QLD | Thromboview Cell Culture | The aim of this dealing is to produce enough material from cell culture to support later Phase Trials and to develop large-scale manufacturing procedures. | Surrendered | 4 Apr 2003 | 21 Dec 2007 |
| DNIR-143 | Peter MacCallum Cancer Centre | VIC | The Role of Sialomucins in the Regulation of Haemopoiesis | The aim of this dealing is to study the role of sialomucin cell surface adhesion molecules in the regulation of haemopoiesis, by expressing them in a range of mouse and human cell types. | Surrendered | 4 Apr 2003 | 12 Jun 2007 |
| DNIR-144 | Peter MacCallum Cancer Centre | VIC | The Role of Hyaluronic Acid in Normal and Aberrant Stem Cell Biology | The aim of this dealing is to analyse the role of hyaluronic acid in leukaemiagenesis by over expressing or inhibiting hyaluronic acid synthase genes in primary human leukaemic cells. | Surrendered | 4 Apr 2003 | 29 Jun 2007 |
| DNIR-145 | CSIRO | ACT | Expression and Vaccine systems Using Viruses Expressing Zona Pellucida Genes | The aim of this dealing is to produce recombinant myxoma and vaccinia viruses that express ZP proteins for use in rabbit immunocontraceptive trials and assays respectively. | Surrendered | 8 Apr 2003 | 26 Aug 2005 |
| DNIR-146 | Monash University | VIC | Adenovirus Mediated Transient Expression of Cre Recombinase in Rodent Cells | The aim of this dealing is to transiently express Cre recombinase in rat and mouse stem cells and to use these cells to produce transgenic and knockout rats and mice. | Withdrawn | | |
| DNIR-147 | Monash University | VIC | Lentivirus Mediated RNAi Technology | The aim of this dealing is to develop lentivirus-mediated RNAi (RNA interference) technology to inactivate genes in rats and mice at the mRNA (messenger RNA) level. | Withdrawn | | |
| DNIR-148 | CSIRO | ACT | A Viral Vecteded Mouse Immuno-Contraceptive | The aim of this dealing is to infect mice with a GM virus that will induce an autoimmune response which targets the developing oocyte within the ovary and renders female mice infertile. | Surrendered | 10 Apr 2003 | 26 Aug 2005 |
| DNIR-149 | Avexa Limited | VIC | Generation of Wild Type and Mutant Hepatitis B Virus (HBV) Capsid and Polymerase Proteins For Use In In Vitro Assays | The aim of this dealing is to generate HBV mutant and wild type capsid and polymerase proteins that can be used in in vitro assays to measure the sensitivity of mutant and wild type HBV polymerases to potential inhibitors of HBV replication. | Surrendered | 15 Apr 2003 | 21 Nov 2007 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|---|--|--------------------------|-------------|------------------------|
| DNIR-150 | The University of Queensland | QLD | Lentiviral Delivery of Genes and/or DNA to Cells | The aim of this dealing is to use various replication defective lentiviruses to introduce genetic information into cells. | Surrendered | 16 Apr 2003 | 18 Oct 2007 |
| DNIR-151 | Central Adelaide Local Health Network | SA | Construction and in vitro and in vivo testing of recombinant fowlpox virus vectors that express human or rat prostatic acid phosphatase with or without co-expression of human interleukin-2, AND Induction of auto-immune prostatitis in rats and mice using recombinant vaccinia virus vectors that encode human or rat prostatic acid phosphatase. | The aim of this dealing is to investigate the immune response to recombinant fowlpox virus vectors in laboratory strains of mice and rats and in primary human peripheral blood mononuclear cell cultures. | Surrendered | 16 Apr 2003 | 4 Jul 2016 |
| DNIR-152 | Institute of Medical and Veterinary Science | SA | Induction of Autoimmune Prostatitis in DA Rats and B6 Mice Using Recombinant Vaccinia Virus Vectors That Encode Human, Rat or Murine Prostatic Acid Phosphatase | The aim of this dealing is to induce experimental prostatitis in laboratory strains of rats by infecting them with recombinant vaccinia virus vectors containing the gene for human prostatic acid phosphatase. | Integrated into DNIR-151 | | |
| DNIR-153 | CSIRO | ACT | Isolation and Expression of Genes From Endogenous Soil Microorganisms | The aim of this dealing is to clone various genes from soil microorganisms. The gene products will be investigated for use in the degradation of pesticide residues/toxins or for their insecticidal properties. | Expired | 23 Apr 2003 | 30 Apr 2013 |
| DNIR-154 | Monash University | VIC | Novel Virulence Determinants of Enterohemorrhagic Escherichia coli | The aim of this dealing is to identify and characterise bacterial genes in EHEC that may be required for colonisation of the host. | Expired | 24 Apr 2003 | 30 Apr 2008 |
| DNIR-155 | Progen Industries Limited | QLD | MPT64 | The aim of this dealing is to generate recombinant protein (MPT64) that will be purified and formulated into a topical drug for clinical investigation in humans. | Expired | 28 Apr 2003 | 30 Apr 2008 |
| DNIR-156 | The University of Western Australia | WA | Gene Mediated Cell Death in Ovarian Cancer | The aim of this dealing is to study gene mediated cell death in ovarian cancer by infecting human cancer cells with viral particles containing the Y81 gene. The Y81 protein is hypothesised to slow the growth of the infected cells. | Expired | 30 Apr 2003 | 30 Apr 2006 |
| DNIR-157 | The University of Queensland | QLD | Molecular Analysis of Cucumber Mosaic Virus Host Range Factors | The aim of this dealing is to study CMV replication, symptom development and host range by inoculating plants with CMV and recombinant CMV RNA. | Surrendered | 22 Apr 2003 | 19 Jul 2017 |
| DNIR-158 | Western Sydney Local Health District | NSW | Focal Modification of Cardiac Conduction By Gene Transfer | The aim of this dealing is to introduce specific genes into human and animal cells in order to induce electrical conduction between these cells in network. | Surrendered | 1 May 2003 | 8 Apr 2008 |
| DNIR-159 | Australian National University | ACT | Flavivirus Host/Pathogen Interactions | The aim of this dealing is to study flaviviral host/pathogen interactions in mice and mammalian and mosquito cell lines. | Expired | 1 May 2003 | 31 May 2013 |
| DNIR-160 | The University of Queensland | QLD | Metabolic Engineering of Hyaluronic Acid (HA) Production | HA forms the capsule of some Group A and C streptococci. The aim of this dealing is to identify and study genes involved in the regulation of HA production. | Licence Issued | 6 May 2003 | 31 Dec 2025 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|-------------------------------------|-------|--|---|-------------|-------------|------------------------|
| DNIR-161 | Queensland University of Technology | QLD | Expression of Adhesins From Bacterial Pathogens in Non-Pathogenic Lactic Acid Bacteria | The aim of this dealing is to genetically modify non-pathogenic lactic acid bacteria to express adhesin molecules from pathogenic organisms. | Surrendered | 7 May 2003 | 22 Jan 2009 |
| DNIR-162 | Queensland University of Technology | QLD | Investigation of Host Range Determinants in Papaya Ringspot Virus | There are two types of PRSV (P & W) that differ in host range – ie. one infects papaya and another does not. The aim of this dealing is to determine the gene sequence/s that allow PRSV to infect papaya. | Expired | 8 May 2003 | 31 Oct 2008 |
| DNIR-163 | Queensland University of Technology | QLD | The Development of Glycine Mosaic Comovirus (GMV) as a Vector for Heterogenous Gene Expression in Plants | The aim of this dealing is to test GMV-based vectors for high level expression of genes in plants. | Expired | 8 May 2003 | 30 Jun 2006 |
| DNIR-164 | CSIRO | ACT | Small RNA viruses of insects | The aim of this dealing is to study the potential use of small RNA viruses of insects for pest control and biotechnological purposes. | Expired | 9 May 2003 | 31 May 2013 |
| DNIR-165 | Xenome Limited | QLD | Isolation and Characterisation of Venom Peptide Genes | The aim of this dealing is to investigate venom peptides for therapeutic potential. | Surrendered | 12 May 2003 | 14 Oct 2010 |
| DNIR-166 | Mater Research Ltd | QLD | Retroviral Expression Cloning to Discover New Molecules Expressed by Leucocytes | The aim of this dealing is to isolate novel gene sequences from leukocytes (white blood cells) to better understand immune function. | Expired | 12 May 2003 | 31 May 2008 |
| DNIR-167 | CSIRO | ACT | Production of Recombinant Proteins By Vaccinia Virus For In Vitro Uses | The aim of this dealing is to express proteins in vaccinia virus that will be used in serological assays. | Surrendered | 12 May 2003 | 26 Aug 2005 |
| DNIR-168 | Hunter Grain Pty Ltd | NSW | Yellow Corn Import | The applicant intends to import grain from the USA for processing as stockfeed. Since there are commercial crops of GM corn in the USA, the shipment may contain GM corn. | Expired | 2 Jan 2003 | 30 Apr 2003 |
| DNIR-169 | Hunter Grain Pty Ltd | NSW | Importation of soybeans for processing into soy oil and stockfeed | The applicant intends to import soybeans from the USA for expelling and solvent extraction to produce soybean meal to be used for stockfeed purposes and soybean oil to be used for human consumption as margarines and cooking oils (approved by FSANZ in 2000). Since there are commercial crops of GM soybeans in the USA, the shipment may contain GM soybeans. | Expired | 3 Jan 2003 | 30 Sep 2003 |
| DNIR-170 | Johnson & Johnson Research Pty Ltd | NSW | A randomized Phase II, double blind, controlled trial to evaluate the safety and efficacy of autologous CD32+ hematopoietic progenitor cells transduced with either a delivery gene construct (LNL6) or LNL6 that contains an anti-HIV-1 ribozyme (OZ1) in patients with HIV-1 infection | The proposed dealing is to modify progenitor haematopoietic cells taken from HIV-1 infected patients to carry either a retroviral vector containing an anti-HIV-1 ribozyme or only the retroviral vector. | Surrendered | 13 May 2003 | 19 Jan 2007 |
| DNIR-171 | Macquarie University | NSW | Comparative Genomics of Equine Herpesviruses | The aim of this dealing is to analyse gene functions of EHV-1 and EHV-4 which are genetically closely related but have different cell culture host ranges and disease outcomes. | Expired | 2 May 2003 | 31 Jan 2007 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---------------------------------------|-------|---|--|-------------|-------------|------------------------|
| DNIR-172 | CSIRO | ACT | Myxoma Virus/ Kunjin Replicon Vaccine System | The aim of this dealing is to produce a recombinant Myxoma/ Kunjin virus that expresses genes encoding reproductive proteins. This recombinant virus will be tested as an immuno-contraceptive delivery system in rabbits. | Surrendered | 14 May 2003 | 26 Aug 2005 |
| DNIR-173 | The University of Adelaide | SA | Molecular Breeding Of Grapevines for Resistance to Major Root Pests | The aim of the proposed dealings is to develop transgenic grapevines that are resistant to root pests by incorporating the genes for cyanogenic glucoside biosynthesis into these plants or by altering the expression of plant genes involved in root pest feeding sites. | Expired | 15 May 2003 | 30 Nov 2009 |
| DNIR-174 | The University of Sydney | NSW | Cloning of Duck Hepatitis B Virus | The aim of this dealing is to clone naturally occurring variants of DHBV and to assess the infectivity of these variants in cell cultures and ducklings. | Expired | 23 May 2003 | 30 Jun 2007 |
| DNIR-175 | Virax Holdings Limited | VIC | Clinical Trial of Fowlpox Virus Vaccines Expressing HIV-1 Antigens and Human Interferon-gamma | The aim of this dealing is to express HIV antigens and interferon-gamma in fowlpox virus and to use this virus to elicit an immune response to these antigens in HIV infected individuals. | Expired | 10 Jun 2003 | 31 Oct 2013 |
| DNIR-176 | The University of Western Australia | WA | Characterisation of Haemolysin produced in Vibrio alginolyticus | The aim of this dealing is to characterise the haemolysin produced by Vibrio alginolyticus and determine its relationship to other previously reported haemolysins. | Expired | 10 Jun 2003 | 30 Jun 2008 |
| DNIR-177 | Children's Medical Research Institute | NSW | Immortalisation of Human Cells | The aim of this dealing is to use human cells transformed with genes that may alter their growth properties to study how normal cells become cancer cells. | Surrendered | 10 Jun 2003 | 15 Feb 2008 |
| DNIR-178 | The Children's Hospital at Westmead | NSW | Functional and Molecular Analysis of Defects of the Mitochondrial Electron Transport Chain | The aim of this dealing is to study immortalised human cells that have a metabolic defect of the mitochondrial energy production pathways to determine on which chromosome the disease causing gene is located. | Expired | 6 Jun 2003 | 30 Jun 2006 |
| DNIR-179 | The Children's Hospital at Westmead | NSW | Ex-Vivo Retroviral Transduction of CD34 Selected Haemopoietic Stem Cells for Clinical Gene Therapy Trials | The aim of this dealing is to introduce genes into CD34 haemopoietic stem cells to treat patients with X-linked Severe Combined Immunodeficiency and to provide resistance to alkylating drugs used in cancer therapy. | Expired | 10 Jun 2003 | 30 Jun 2013 |
| DNIR-180 | The University of Queensland | QLD | Functional Analysis of Cloned Avirulence/Pathogenesis Genes From Plant Pathogenic Microbes | The aim of this dealing is to determine the function of cloned genes encoding putative avirulence and pathogenesis determinants in pathogenic fungi and oomycetes. | Expired | 11 Jun 2003 | 30 Jun 2014 |
| DNIR-181 | Sugar Research Australia Limited | QLD | Transposition and Marker Exchange Mutagenesis of Leifsonia xyli Subspecies to Study Pathogenesis on Sugarcane | The aim of these dealings is to identify the genes from Leifsonia xyli involved in the interaction of this pathogen with sugarcane, in order to identify targets for antimicrobial compounds or antibodies. | Surrendered | 11 Jun 2003 | 5 Dec 2012 |

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|----------|--|-------|---|---|----------------|-------------|------------------------|
| DNIR-182 | Sugar Research Australia Limited | QLD | Development of a Virus Based Assay system to Elucidate Gene Function in Sugarcane | The aim of this dealing is to produce a virus-based vector containing sugarcane virus gene sequences that will be used in further studies to elucidate the function of sugarcane genes. | Surrendered | 11 Jun 2003 | 17 Dec 2007 |
| DNIR-183 | La Trobe University | VIC | Nucleotide Sequences of The Coat Protein of Johnsongrass Mosaic Virus (JMV) Determining Host Specificity | The aim of this dealing is to identify the critical changes in the amino acids of the JGMV coat protein that allowed the recent evolution of a Krish sorghum-infecting strain of JGMV. | Expired | 5 Jun 2003 | 31 Dec 2004 |
| DNIR-184 | Ludwig Institute for Cancer Research Ltd | VIC | Induction of Tumour Formation and Tumour Regression by Adenoviral -Mediated Gene Transfer | The aim of this dealing is to introduce genes that are involved in tumour formation and suppression into cultured cells and mice to mimic and/or reverse the sporadic genetic alterations that occur in adults with colorectal cancer. | Expired | 13 Jun 2003 | 30 Jun 2008 |
| DNIR-185 | CSIRO | ACT | Use of Virus Vectors For Gene Silencing in Plants (Virus Induced Gene Silencing) | The aim of this dealing is to infect plants of interest with viruses containing RNA sequences that will silence specific genes in the plants in order to identify agronomically important genes. | Expired | 16 Jun 2003 | 30 Apr 2014 |
| DNIR-186 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | Molecular Virology of HIV-1 and SIV | This dealing aims to understand the regulation and role of the various SIV, HIV-1 and HIV-2 genes in virus production and pathogenesis by comparative analysis of generated mutant variants of these viruses. | Licence Issued | 13 Jun 2003 | 31 Jan 2023 |
| DNIR-187 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | Viral Assembly of MoMLV, M-PMV, HFV and ASLV | The aim of this dealing is to understand the role of various Moloney murine leukaemia virus, Mason-Pfizer monkey virus, human foamy virus or avian sarcoma/leukosis virus genes by transfecting mammalian cells with mutated or wild type clones of these retroviruses. | Licence Issued | 16 Jun 2003 | 31 Jan 2023 |
| DNIR-188 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | Pathogenesis of Macrophage-Tropic HIV-1 | The aim of this dealing is to examine the ability of HIV-1 strains to induce cell killing by transfecting mammalian cell lines with HIV-1 DNA. | Expired | 16 Jun 2003 | 30 Jun 2006 |
| DNIR-189 | Johnson & Johnson Research Pty Ltd | NSW | In vitro Murine and Human Cell Transformation or Mouse Reconstitution for a Gene Therapy approach to Accute Myeloid leukaemia | The aim of this dealing is to develop a model for leukemia (or lymphoma) development by oncogene activation and to use the model to assess the effects of tumour suppressor genes in arresting leukemia (or lymphoma) development. | Surrendered | 17 Jun 2003 | 26 Jun 2008 |
| DNIR-190 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | Cellular immunity to HIV and HCV | The aim of this dealing is to examine cellular immunity to HIV and HCV by expressing part of the HIV or HCV genome in vaccinia virus and infecting human cells with this virus. | Expired | 16 Jun 2003 | 30 Jun 2012 |

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| DNIR-191 | Australian National University | ACT | Signalling pathways for the induction and maintenance of tolerance to islet allografts and xenografts and for the re-establishment of tolerance to islet beta cells in NOD mice | The aim of this dealing is to assess the tolerance of mice to pancreatic islet transplants following the delivery of immunoregulatory genes to the donor tissue or pre-treatment of the mice with cells expressing the same genes. | Withdrawn | | |
| DNIR-192 | Australian National University | ACT | Immunoregulatory gene studies and vaccine vector library development | The aim of this dealing is to develop an ongoing library of vaccine vectors for use in vaccine development and the study of immunoregulatory molecules. | Licence Issued | 18 Jun 2003 | 30 Sep 2023 |
| DNIR-193 | The University of Queensland | QLD | Studies on the immune response to recombinant vaccinia virus | The aim of this dealing is to use vaccinia viruses containing papillomavirus genes to study the processes governing immune activation or tolerance to DNA tumour viruses and to improve the quality of immune responses against human papillomavirus proteins. | Expired | 16 Jun 2003 | 30 Jun 2012 |
| DNIR-194 | Monash University | VIC | Evaluation of Cellular Immunological Function With Recombinant Virus | The aim of this dealing is to evaluate if treatment can augment or sustain the cellular anti-HIV response of HIV positive patients and help further define the mechanisms involved. | Surrendered | 5 Jun 2003 | 25 Nov 2008 |
| DNIR-195 | Flinders University | SA | Intracellular Calcium Signalling and Liver Disease | The aim of this dealing is to introduce genes involved in calcium channels into primary rat hepatocyte tissue culture cells. | Withdrawn | | |
| DNIR-196 | Flinders University | SA | Transplantation of Corneal and Limbal Stem Cell Allografts | The aim of this dealing is to infect the eye of rats or sheep with an adenovirus carrying genes encoding specific proteins that may prevent corneal and limbal stem cell graft rejection. | Withdrawn | | |
| DNIR-197 | CSIRO | ACT | DNA Viruses of Invertebrates | The aim of this dealing is to produce recombinant insect DNA viruses to improve understanding of their properties and characteristics and to assess their suitability as biological control agents for insect pests. | Expired | 20 Jun 2003 | 31 May 2013 |
| DNIR-198 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | The expression of leukocyte antigens | The aim of this dealing is study the role of a variety of leukocyte antigens, especially cell surface antigens in leukocyte function. | Expired | 18 Jun 2003 | 31 Dec 2008 |
| DNIR-199 | CSIRO | SA | Tracking soil micro-organisms using marker genes | The aim of this dealing is to study the ecology of soil microbes that have been selected for their beneficial effects on crop plant growth using marker genes to monitor their activities. | Withdrawn | | |
| DNIR-200 | University of Canberra | ACT | Mutagenesis of Vaccine Antigen Genes and Related Proteins in Bacterial Respiratory Pathogens | The aim of this dealing is to disrupt genes encoding candidate vaccine antigens and related proteins in bacterial respiratory pathogens to gain a better understanding of their function. | Surrendered | 20 Jun 2003 | 30 Jun 2008 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|--|--|----------------|-------------|------------------------|
| DNIR-201 | The University of Melbourne | VIC | The Mechanisms of Tolerance and Immunity in Systemic Rheumatic Diseases | The aim of this study is to examine immunological tolerance to self antigens when they are encountered during an infection by infecting mice with vaccinia viruses containing genes encoding self or foreign antigens. | Surrendered | 20 Jun 2003 | 19 Oct 2010 |
| DNIR-202 | The University of Melbourne | VIC | Gene Regulation in Osteoclastogenesis | The aim of this project is to examine the action of candidate genes on the process of osteoclast generation from precursor cells by infecting these cells with adenoviruses/retroviruses containing the candidate genes. | Surrendered | 20 Jun 2003 | 21 Aug 2007 |
| DNIR-203 | The University of Melbourne | VIC | Construction and Use of Herpes simplex Virus Mutants | The aim of this dealing is to determine how minor changes to the HSV viral protein gB will alter the response of cytotoxic T lymphocytes by infecting mice with HSV-1 gB mutants. | Surrendered | 19 Jun 2003 | 22 Sep 2011 |
| DNIR-204 | The University of Melbourne | VIC | Molecular Biology of Retroviral Replication, Pathogenesis and Productive Infection | The aim of this dealing is to study the RNA elements that modulate the expression of HIV proteins and to develop drugs that target these elements. | Expired | 20 Jun 2003 | 20 Aug 2017 |
| DNIR-205 | The University of Melbourne | VIC | Nucleic Acid (DNA and RNA) and Viral Vected Vaccines for HIV | The aim of this dealing is to develop a safe and effective vaccine against HIV by injecting animals with DNA plasmids, a recombinant fowlpoxvirus or a recombinant sindbis virus containing HIV or SIV genes. | Surrendered | 20 Jun 2003 | 30 Nov 2012 |
| DNIR-206 | CSIRO | NSW | Effect of Growth hormone Transgenesis on Wool, Meat and Milk Production in Sheep | The aim of this dealing is to modify a growth hormone gene and insert it into the genome of sheep to determine its effects on wool, meat and milk production. | Withdrawn | | |
| DNIR-207 | The University of New England | NSW | Molecular Aspects of Plant -Pathogen Interactions - Thielaviopsis | The aim of this dealing is to identify genes in T. basicola (a pathogen causing black root disease in plants) which may be involved in virulence. | Expired | 1 Jul 2003 | 31 Dec 2008 |
| DNIR-208 | Harry Perkins Institute of Medical Research | WA | Recombinant Murine Cytomegalovirus Encoding Hepatitis Virus C Proteins | The aim of this dealing is to use MCMV as a delivery vehicle to express HCV proteins in murine liver. | Licence Issued | 20 Jun 2003 | 30 Jun 2025 |
| DNIR-209 | The University of Western Australia | WA | Assessment of Outcrossing Under Idealised Conditions for Chickpeas | The aim of this dealing is to interplant chickpea plants containing the bar gene with non-transgenic chickpea plants and assessing the seed from non-transgenic plants for the presence of the bar gene after insect pollination. | Withdrawn | | |
| DNIR-210 | The University of Western Australia | WA | Use of Vaccinia Virus as a Vector for Antigens and Cytokines in Murine Tumour Models | The aim of this dealing is to determine if recombinant Vaccinia virus can induce long term protection against tumour growth and induce tumour regression. | Licence Issued | 20 Jun 2003 | 31 May 2022 |
| DNIR-211 | The University of Sydney | NSW | Construction and Manipulation of an Infectious cDNA clone of Enterovirus 71 and Coxsackievirus A16 | The aim of this dealing is to investigate the molecular basis of human enterovirus 71 virulence by inserting genome regions from related viruses of low virulence into its genetic background. The virulence of these chimeras will be studied in the mouse model. | Expired | 18 Jun 2003 | 20 Feb 2018 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|--|--|----------------|-------------|------------------------|
| DNIR-212 | The University of Adelaide | SA | Pathogenicity and virulence genes of the barley pathogen <i>Rhynchosporium secalis</i> | The aim of this dealing is to identify and isolate pathogenicity determinant genes from the barley pathogen <i>R. secalis</i> . | Surrendered | 20 Jun 2003 | 20 Sep 2004 |
| DNIR-213 | Alpharma Animal Health Pty Ltd | VIC | Porcine growth hormone | The aim of this dealing is to continue the commercial production of porcine somatotropin which is sold into Australian and international markets under the tradename Reporcina. | Surrendered | 15 Aug 2003 | 7 Jan 2008 |
| DNIR-214 | CSIRO | NSW | Adenoviruses as Gene Delivery Vectors | The aim of the proposed dealings is to develop and characterise human and ovine adenovirus vectors for use in gene therapy and vaccine development. | Expired | 20 Jun 2003 | 30 Jun 2011 |
| DNIR-215 | The University of Queensland | QLD | Gene therapy of hypertension tumor sensitisation to radiotherapy | The aim is to develop gene therapy strategies using replication defective viral vectors for the treatment of hypertension and tumours. | Surrendered | 19 Mar 2003 | 9 Jul 2015 |
| DNIR-216 | The University of Melbourne | VIC | Development of <i>Trichoderma harzianum</i> for biocontrol of plant pathogens | The aim of this dealing is to improve the biocontrol efficacy of <i>Trichoderma harzianum</i> by inserting the chitinase gene into its genome. | Expired | 28 Jul 2003 | 31 Mar 2004 |
| DNIR-217 | The University of Western Australia | WA | Structure/activity of novel toxins from native venomous organisms (jellyfish) | The aim of this dealing is to produce milligram quantities of toxic jellyfish and snake venom proteins by expressing them in <i>Escherichia coli</i> . The structure and activity of these proteins will then be investigated. | Surrendered | 1 Aug 2003 | 4 Jan 2007 |
| DNIR-218 | CSIRO | ACT | Generation of Recombinant Canine Herpesvirus | The aim of this dealing is to develop recombinant CHVs that express heterologous antigens derived from genomic, viral, protozoan or bacterial genes. These viruses will be used as experimental vaccines to immunise foxes, dogs and ferrets against infectious diseases and/or to reduce their fertility. | Surrendered | 4 Aug 2003 | 26 Aug 2005 |
| DNIR-219 | Centenary Institute of Cancer Medicine and Cell Biology | NSW | Recombinant mycobacteria as new anti-tuberculosis vaccines | The aim of this dealing is to express mycobacterium tuberculosis antigens in the vaccine strain <i>Mycobacterium bovis</i> BCG to develop a potential tuberculosis vaccine. | Surrendered | 4 Aug 2003 | 21 Dec 2007 |
| DNIR-220 | Menzies School of Health Research | NT | Cloning of Streptococcal DNA to and from Streptococcal species | The aim of this dealing is to understand how streptococcal gene products contribute to the pathogenesis of streptococcal infections by inserting the genes of interest into strains of streptococci that do not normally harbour these genes. | Surrendered | 6 Aug 2003 | 3 Jun 2008 |
| DNIR-221 | QIMR Berghofer Medical Research Institute | QLD | Cloning of DNA Between Group A Streptococcal Strains | The aim of this dealing is to understand how group A streptococcal (GAS) gene products contribute to the pathogenesis of streptococcal infections by inserting the genes of interest into GAS strains that do not normally harbour these genes. | Licence Issued | 6 Aug 2003 | 31 May 2021 |
| DNIR-222 | QIMR Berghofer Medical Research Institute | QLD | Expression of Virus Encoded Antigens Using Vaccinia Expression System | The aim of this dealing is to study in vitro T lymphocyte responses to cells infected with recombinant vaccinia viruses expressing Cytomegalovirus (CMV) or Epstein-Barr Virus (EBV) proteins. | Licence Issued | 6 Aug 2003 | 31 May 2023 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--|-------|--|--|--------------------------|-------------|------------------------|
| DNIR-223 | Central Adelaide Local Health Network | SA | Identification of novel molecular targets in angiogenesis | The aim of this dealing is to identify genes involved in endothelial cell function by overexpressing genes of interest in human endothelial cells and mice using viral vectors. | Surrendered | 8 Jul 2003 | 20 Jan 2012 |
| DNIR-224 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | Molecular virology of hepatitis A, B and E viruses | The aim of this dealing is to investigate the role of various hepatitis genes and gene products in the gene expression, replication, virus particle assembly and pathogenesis of hepatitis A, B and E. | Expired | 14 Jul 2003 | 24 Dec 2019 |
| DNIR-225 | Ludwig Institute for Cancer Research Ltd | VIC | Mouse models of colorectal cancer using a TVA-based retroviral gene transfer system | The aim of this dealing is to investigate the role of various genes in colorectal cancer by transferring candidate oncogenes and a tumour suppressor gene directly into the intestinal epithelium of mice using an avian retrovirus. | Surrendered | 13 Aug 2003 | 29 Nov 2012 |
| DNIR-226 | Department of Jobs, Precincts and Regions | VIC | Molecular Breeding Of Grapevines for Resistance to Major Root Pests | The aim of the proposed dealings is to challenge transgenic grapevines with root pests and monitor their response. | Expired | 15 May 2003 | 30 Jun 2005 |
| DNIR-227 | The University of Western Australia | WA | Structure/activity of novel toxins from native venomous organisms (Brownsnake) | The aim of this dealing is to introduce genes encoding brown snake venom proteins into bacterial and/or eukaryotic hosts to produce milligram quantities of these proteins for biophysical and functional studies. | Integrated into DNIR-217 | | |
| DNIR-228 | Queensland University of Technology | QLD | The development of tobacco mosaic virus (TMV) as a vector for heterologous gene expression | The researchers intend to use TMV to deliver heterologous genes to plants with the purpose of expressing high levels of these genes in the plants. | Withdrawn | | |
| DNIR-229 | Queensland University of Technology | QLD | Development of a Tobacco rattle virus-based RNA amplification system in tobacco | The researchers intend to use non-infectious RNA components of Tobacco rattle virus to deliver heterologous genes to tobacco plants with the purpose of enhancing the expression of these genes in the plants. | Withdrawn | | |
| DNIR-230 | The University of Adelaide | SA | Pathogenesis, prevention and treatment of Shiga toxigenic Escherichia coli (STEC) infections | The aim of this dealing is to clone and characterise STEC genes involved in the pathogenesis of disease in order to identify novel drug targets and develop vaccines against STEC infection. | Licence Issued | 26 Jun 2003 | 31 May 2024 |
| DNIR-231 | The University of Adelaide | SA | Pathogenesis and prevention of pneumococcal disease | The aim of this dealing is to clone and characterise Streptococcus pneumoniae genes involved in the pathogenesis of pneumococcal disease in order to identify novel drug targets and develop vaccines against pneumococcal disease. | Integrated into DNIR-230 | | |
| DNIR-232 | The University of Newcastle | NSW | HIV vaccine design and development teams | The aim of this dealing is to develop a safe and effective vaccine against HIV using a mouse model using DNA vaccines and recombinant fowlpoxvirus vaccines to induce both mucosal and systemic HIV-specific immune responses. | Surrendered | 7 Jul 2003 | 3 May 2004 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--|-------|--|--|--------------------------|-------------|------------------------|
| DNIR-233 | Murdoch University | WA | Mutation of an infectious clone of BIV R29 | The aim of this dealing is to identify the role of the bovine immunodeficiency virus (BIV) genes vif and tmx in viral replication and pathology and to assess the ability of homologous genes from the related Jembrana disease virus (JDV) to act as functional homologues. | Expired | 28 Aug 2003 | 31 Aug 2008 |
| DNIR-234 | Murdoch University | WA | Transcomplementation of vif deleted BIV with bovine lentivirus | The aim of this dealing is to identify the role of the bovine immunodeficiency virus (BIV) genes vif and tmx in viral replication and pathology and to assess the ability of homologous genes from the related Jembrana disease virus (JDV) to act as functional homologues. | Integrated into DNIR-233 | | |
| DNIR-235 | Murdoch University | WA | Use of an infectious clone of BIV R29 | The aim of this dealing is to identify the role of the bovine immunodeficiency virus (BIV) genes vif and tmx in viral replication and pathology and to assess the ability of homologous genes from the related Jembrana disease virus (JDV) to act as functional homologues. | Integrated into DNIR-233 | | |
| DNIR-236 | Women's and Children's Health Network Incorporated | SA | Functional analysis of genes involved in haemopoiesis by retroviral expression in human cells and cell lines | This project aims to investigate the function of various genes involved in normal and abnormal growth of human blood cells. | Expired | 9 Jul 2003 | 31 Jul 2008 |
| DNIR-237 | Department of Agriculture and Fisheries | QLD | Vaccination of cattle with recombinant bovine herpesvirus 1 | DNA from bovine pestivirus will be inserted into the genome of bovine herpesvirus 1 and cattle will be inoculated with the modified virus in order to elicit protective immune responses to both viruses. | Withdrawn | | |
| DNIR-238 | Murdoch University | WA | Mutational Analysis of the Australian Strain of Procine circovirus type 1 | The aim of these dealings is to analyse the effect of mutations introduced into the coding regions of the Rep and capsid open reading frames of porcine circovirus (PCV)- 1 and PCV-2. | Expired | 16 Sep 2003 | 31 Aug 2007 |
| DNIR-239 | Murdoch University | WA | Production of an infectious clone from the Australian Strain of Procine circovirus type 1 | The aim of these dealings is to analyse the effect of mutations introduced into the coding regions of the Rep and capsid open reading frames of porcine circovirus (PCV)- 1 and PCV-2. | Integrated into DNIR-238 | | |
| DNIR-240 | Murdoch University | WA | Mutational Analysis of the Australian Strain of Procine circovirus type 2 | The aim of these dealings is to analyse the effect of mutations introduced into the coding regions of the Rep and capsid open reading frames of porcine circovirus (PCV)- 1 and PCV-2. | Integrated into DNIR-238 | | |
| DNIR-241 | Murdoch University | WA | Production of an infectious clone from the Australian Strain of Procine circovirus type 2 | The aim of these dealings is to analyse the effect of mutations introduced into the coding regions of the Rep and capsid open reading frames of porcine circovirus (PCV)- 1 and PCV-2. | Integrated into DNIR-238 | | |
| DNIR-242 | The University of Queensland | QLD | Investigating the molecular pathways controlling cell survival in acute and chronic renal failure | The aim of this dealing is to modify renal disease processes by using replication defective lentiviruses to overexpress various genes associated with apoptosis (programmed cell death) in the rats and mice. | Surrendered | 7 Jul 2003 | 28 Jul 2016 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--------------------------------------|-------|--|--|-------------|-------------|------------------------|
| DNIR-243 | The University of Melbourne | VIC | Investigating the biological requirements for prion formation | The aim of this dealing is to transform bacterial, fungal and mammalian cells with the gene encoding the prion protein (PrP) and use these cells to study PrP function and metabolism. | Expired | 12 Aug 2003 | 30 Jun 2007 |
| DNIR-244 | CSIRO | VIC | Development of daughterless carp technology (Zebrafish) | The aim of these dealings is to use RNA interference technology in zebrafish, carp and mosquito fish to sex bias these fish as a means of controlling their population. | Withdrawn | | |
| DNIR-245 | CSIRO | VIC | Development of daughterless carp technology (Mosquitofish) | The aim of these dealings is to use RNA interference technology in zebrafish, carp and mosquito fish to sex bias these fish as a means of controlling their population. | Withdrawn | | |
| DNIR-246 | CSIRO | VIC | Development of daughterless carp technology (Medaka) | The aim of these dealings is to use RNA interference technology in zebrafish, carp and mosquito fish to sex bias these fish as a means of controlling their population. | Withdrawn | | |
| DNIR-247 | Virax Holdings Limited | VIC | GMP Manufacturing of recombinant fowlpox viruses vectored vaccines | The researchers intend to undertake large-scale production of recombinant fowlpox virus vector-based vaccines from tissue cultured avian cells. | Expired | 30 Sep 2003 | 30 Sep 2008 |
| DNIR-248 | Pfizer Australia Pty Ltd | VIC | Production of Neovac Antigens | The aim of this dealing is to produce four types of recombinant pili antigens to be used in the manufacture of a vaccine against neonatal scours in pigs. | Expired | 30 Sep 2003 | 30 Sep 2012 |
| DNIR-249 | The University of Adelaide | SA | Studies of avian hepatitis B viruses - virulence, replication and pathogenesis | The aim of this dealing is to introduce mutations into cloned genomes of avian hepatitis B virus isolates and then compare the replication and pathogenesis of the wild type and mutant strains in vitro and in vivo. | Expired | 1 Jul 2003 | 30 Jun 2013 |
| DNIR-250 | The University of Adelaide | SA | Cellular interactions between HBV and HCV | The aim of this dealing is to transfect cultured liver cells containing a non-infectious hepatitis C virus (HCV) replicon with hepatitis B virus (HBV) and investigate the effect of HBV replication on HCV replication, cell growth, cell viability and cellular gene expression. | Expired | 2 Oct 2003 | 31 Jul 2013 |
| DNIR-251 | Monash University | VIC | Function of Dichelobacter nodosus genes | The aim of this dealing is to isolate and characterise genes that may have a role in conferring virulence and pathogenesis in Dichelobacter nodosus the causative agent of footrot in sheep, cattle and goats. | Surrendered | 23 Jun 2003 | 24 Jun 2008 |
| DNIR-252 | University of Technology Sydney | NSW | Paralysis Tick Vaccine Development | The aim of this dealing is to produce recombinant forms of Australian paralysis tick (Ixodes holocyclus) salivary proteins for the development of a veterinary vaccine. | Expired | 9 Jul 2003 | 30 Nov 2011 |
| DNIR-253 | St Vincent's Hospital Sydney Limited | NSW | HIV Biology | The aim is to understand the biology of the human immune deficiency virus as the basis for better drug and vaccine development. | Expired | 21 Oct 2003 | 31 Oct 2017 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--|-------|---|--|-------------|-------------|------------------------|
| DNIR-254 | The University of Western Australia | WA | Evaluation on the effects of apoptosis and necrosis on tumour antigen presentation and anti-tumour response | The aim of this dealing is to determine whether induction of different types of cell death mechanisms in tumours can increase the immune response to these tumours. | Surrendered | 3 Oct 2003 | 4 Apr 2007 |
| DNIR-255 | Griffith University | QLD | Studies on the virulence and physiology of Burkholderia pseudomallei | The aim of this dealing is to identify and characterise virulence genes in the pathogen B. pseudomallei, including those involved in adherence to epithelial cells, and to develop diagnostic and preventative strategies. | Expired | 8 Aug 2003 | 30 Sep 2015 |
| DNIR-256 | CSIRO | VIC | Genetics of Clostridium perfringens pathogenesis | The aim of this dealing is to investigate the role of specific, defined toxin proteins in the pathogenesis of C. perfringens. | Expired | 6 Nov 2003 | 30 Jun 2008 |
| DNIR-257 | CSIRO | VIC | Live bacterial vectors for delivery of recombinant proteins to the chicken gut | The aim of this dealing is to use benign bacterial strains isolated from the chicken gut to deliver therapeutic proteins such as cytokines, bacteriocins, single chain antibodies and vaccine antigens to the chicken gut. | Withdrawn | | |
| DNIR-258 | Australian Red Cross Blood Service - Endeavour | NSW | Cell mediated immune responses against blood borne viral pathogens | This study aims to express genes from the human pathogenic viruses HIV and HCV in mammalian cell cultures for use as targets in cytotoxic T lymphocyte (CTL) activity assays or antigen presenting cells to stimulate virus-specific CTLs in vitro. | Surrendered | 5 Aug 2003 | 31 Jul 2008 |
| DNIR-259 | Department of Agriculture and Fisheries | QLD | Study of plant Virus interactions using fluorescence tagged viruses | The aim of this dealing is to study the function of viral genes in virus movement and host interaction in resistant and susceptible plants. | Surrendered | 30 Oct 2003 | 22 Feb 2005 |
| DNIR-260 | Royal Perth Hospital | WA | Use of Adenovirus and Adenovirus associated virus gene delivery systems for the expression of HCV proteins | Recombinant adenovirus and adeno-associated viruses carrying hepatitis C virus (HCV) genes will be used to produce HCV proteins in cell cultures and mice. This will enable studies on the structure and function of the proteins and act as a source of HCV protein for immune studies. | Surrendered | 30 Oct 2003 | 3 Sep 2013 |
| DNIR-261 | EnGeneIC Limited | NSW | Novel Gene Delivery Vector | The aim of this dealing is to develop a novel drug delivery vector that combines drug biosynthesis and targeted delivery. | Expired | 31 Oct 2003 | 30 Apr 2017 |
| DNIR-262 | Peter MacCallum Cancer Centre | VIC | Molecular analysis of cell cycle and polarity in development and tumourigenesis | The aim of this dealing is to generate cells and mouse tissues modified to express or down-regulate genes involved in the pRB/E2F and Scrib/Dlg/Lgl pathways and study their role in tumour development. | Withdrawn | | |
| DNIR-263 | University of Technology Sydney | NSW | Development of recombinant immunotoxins | The aim of this dealing is to develop a recombinant cytotoxic agent (which is not a GMO) that can be tested as a therapeutic agent for cancer. | Expired | 9 Sep 2003 | 31 Jan 2008 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|--|--|-------------|-------------|------------------------|
| DNIR-264 | Western Sydney Local Health District | NSW | Liver cell biology and liver injury, metabolic liver disease and mitochondrial dysfunction in drug-induced liver disease | The aim of this dealing is to use mice and rats with experimentally induced liver injury to identify cellular proteins that mediate important liver injury resulting from medical conditions or after exposure to alcohol and drug toxins. | Surrendered | 19 Sep 2003 | 30 Sep 2008 |
| DNIR-265 | University of New South Wales | NSW | Transformation of human cells by human Papillomavirus transforming genes | The aim of this study is to discover the functions of human papillomavirus E6 and E7 proteins by introducing the genes encoding these proteins into normal and/or immortalised human cells. | Withdrawn | | |
| DNIR-266 | Melbourne Health | VIC | Construction of influenza viruses by reverse genetics for diagnostic and research purposes. | The aim of this project is to employ a technique known as reverse genetics to produce Influenza viruses synthetically in order to derive potential Influenza virus vaccine candidates in a more rapid and reproducible manner. | Surrendered | 27 Nov 2003 | 14 Oct 2013 |
| DNIR-267 | Queensland University of Technology | QLD | Chimeric Dengue vaccines | The aim of this dealing is to elicit an immune response against multiple Dengue virus serotypes in mice using a recombinant Dengue virus or a plasmid containing Dengue virus envelope protein genes from two or more serotypes. | Surrendered | 18 Nov 2003 | 16 May 2007 |
| DNIR-268 | Queensland University of Technology | QLD | The development of a novel resistance strategy against ssDNA plant viruses | The aim of this dealing is to develop resistance to single stranded DNA viruses in several plant species by introducing a gene to these plants that will trigger the death of infected cells when exposed to a particular viral protein. | Surrendered | 27 Nov 2003 | 30 Apr 2007 |
| DNIR-269 | Murdoch Childrens Research Institute | VIC | Characterisation of genes involved in haematopoietic stem cell growth and regulation | This project will examine the role of known and novel genes in human blood cell growth with the aim of learning more about normal blood cell development and what goes wrong in this process to cause leukaemia. | Surrendered | 12 Dec 2003 | 25 Nov 2008 |
| DNIR-270 | The Walter and Eliza Hall Institute of Medical Research | VIC | Retroviral and adenoviral mediated gene transfer into murine mammary cells and breast cancer cell lines | The aim of this dealing is to study the role of specific genes in cell growth, mammary gland development and oncogenesis. | Surrendered | 18 Dec 2003 | 28 Sep 2007 |
| DNIR-271 | University of Technology Sydney | NSW | Investigations on parasite virulence using cross complementation | The goal of this project is to use a genetic approach to investigate the regions of the parasitic proteins GRA2 and GRA6 involved in Toxoplasma gondii and Neospora caninum virulence. | Expired | 10 Dec 2003 | 31 Dec 2008 |
| DNIR-272 | The University of Queensland | QLD | Delivery of replication defective lentiviruses into mice | The aim of this dealing is to develop novel anticancer treatments against both skin cancers and cancers caused by viruses, using a mouse model. | Surrendered | 10 Dec 2003 | 8 Oct 2008 |
| DNIR-273 | Western Sydney Local Health District | NSW | Repression of hepatic drug metabolism by solid tumours | The aim of this dealing is to investigate how the inflammatory factors released by tumours into the blood reduce hepatic levels of enzymes involved in drug metabolism. | Surrendered | 9 Dec 2003 | 13 Jun 2007 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|---|--|----------------|-------------|------------------------|
| DNIR-274 | Australian Defence Force Malaria and Infectious Disease Institute | QLD | Experimental Infection of Culex annulirostris, Ochlerotatus vigilax and Culex gelidus with Japanese encephalitis virus vaccine candidate Chimerivax(TM)-JE | The aim of this dealing is to assess the potential of the Chimerivax TM -JE vaccine to infect and replicate in Australian mosquitoes. | Surrendered | 29 Jan 2004 | 12 Feb 2007 |
| DNIR-275 | Biotron Limited | ACT | Viral protein gene function in whole virus for screening anti-viral compounds | The aim of this dealing is to screen for novel compounds which disrupt viral replication using whole recombinant viruses. | Surrendered | 22 Jan 2004 | 11 Mar 2011 |
| DNIR-276 | QIMR Berghofer Medical Research Institute | QLD | Functional analysis of DNA damage responsive genes by retroviral transfections | The aim of this dealing is to overexpress or inhibit the expression of genes encoding proteins involved in DNA damage repair. This will allow the proponents to determine the function and importance of these genes in keeping the genome intact and preventing cancer. | Surrendered | 18 Dec 2003 | 17 Oct 2007 |
| DNIR-277 | Cargill Australia Limited | VIC | Importation and Processing Soybeans | The applicant intends to import soybeans from the USA, Argentina, and Brazil for processing as oil and stockfeed. Since there are commercial crops of GM soybeans in these countries, the shipment may contain GM soybeans. | Licence Issued | 19 Dec 2003 | 31 Jul 2023 |
| DNIR-278 | The University of Newcastle | NSW | Analysis of oncogenes and their protein products, and investigation of drug resistance mechanisms. | The purpose of this dealing is to investigate specific genes involved in the onset of cancers and characterise various mechanisms of cancer cell drug resistance to conventional and new cancer therapies. | Surrendered | 23 Dec 2003 | 17 Dec 2008 |
| DNIR-279 | QIMR Berghofer Medical Research Institute | QLD | Expression of virus encoded antigens using vaccinia/fowlpox expression system | The aim of this dealing is to study cell lines infected with vaccinia and fowlpox viruses containing genes encoding Epstein-Barr virus (EBV) and cytomegalovirus antigens. | Withdrawn | | |
| DNIR-280 | University of New South Wales | NSW | Production of Recombinant Proteins in Chinese Hamster Ovary (CHO) cells | The aim of this dealing is to produce large-scale amounts of recombinant proteins of commercial value in Chinese hamster ovary (CHO) cells. | Surrendered | 10 Mar 2004 | 21 Dec 2007 |
| DNIR-281 | Murdoch University | WA | Development of a subterranean clover mottle virus as a gene-silencing vector | The aim of this dealing is to use subterranean clover mottle virus as a vector for silencing plant genes in vivo and in vitro. | Expired | 27 Feb 2004 | 31 Oct 2008 |
| DNIR-282 | Monash University | VIC | Modification of the HIV-1 genome in order to visualize the HIV-1 preintegration complex (PIC) and HIV-1 component subcellular trafficking | The aim of this dealing is to elucidate the mechanism used by HIV-1 to gain access to the nucleus of infected cells by investigating a nucleoprotein (PIC) that mediates entry of HIV-1 DNA into the nucleus. | Withdrawn | | |
| DNIR-283 | Queensland University of Technology | QLD | Generation of an infectious clone of taro bacilliform virus (TaBV) | The aim of this dealing is to determine if taro plant disease can be caused by infection with TaBV alone by infecting taro plant with infectious clones of this virus. | Expired | 2 Feb 2004 | 30 Jun 2007 |
| DNIR-284 | Griffith University | QLD | Cloning and characterisation of Campylobacter spp pathogenicity genes in E.coli and construction of a vector dedicated to cloning and expression of Campylobacter spp. Dna functional in E.coli and Campylobacter spp | The aim of this dealing is to develop a system for the expression of Campylobacter spp. genes functional in both Campylobacter spp. and E. coli and to characterise genes from C. jejuni that encode potential pathogenicity determinants. | Surrendered | 10 Mar 2004 | 2 Dec 2008 |

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|----------|---|-------|--|---|----------------|-------------|------------------------|
| DNIR-285 | Centenary Institute of Cancer Medicine and Cell Biology | NSW | Gene transfer into cells of human, non-human primate or rodent origin using replication-incompetent lentiviral vectors | The proponents intend to transfer genes of interest into human or animal cells using lentiviral-based gene delivery systems with the aim of applying these techniques to gene therapy. | Withdrawn | | |
| DNIR-286 | The University of Queensland | QLD | Retroviral expression of known and potential growth-regulatory genes in human and murine cell lines | The aim of this dealing is to understand how certain oncogenes actively cause or contribute to cancer and to identify new oncogenes involved in leukaemia and breast cancer. | Surrendered | 22 Apr 2004 | 18 Oct 2007 |
| DNIR-287 | Monash University | VIC | Subcellular trafficking of the Dengue virus NS5 protein | The aim of this research is to describe the localisation of the Dengue virus non-structural protein 5 (NS5) during infection of cultured mammalian and insect cells. | Expired | 28 May 2004 | 31 May 2009 |
| DNIR-288 | Avexa Limited | VIC | Cell Lines Expressing Hepatitis B Virus | The aim of this dealing is to study the formation and release of lamivudine resistant and normal Hepatitis B virus in liver cells. | Expired | 24 May 2004 | 30 Jun 2009 |
| DNIR-289 | Flinders University | SA | Asexual Genetic Exchange in <i>Rhynchosporium secalis</i> , the causal agent of barley scald | The aim of this dealing is to investigate whether genes can be exchanged between isolates of <i>R. secalis</i> in the absence of a sexual cycle. | Surrendered | 25 May 2004 | 8 May 2007 |
| DNIR-290 | Australian National University | ACT | Temporary storage of Ross River virus mutants | The proponents intend to store Ross River virus mutants for future use. | Expired | 20 Jul 2004 | 31 Jul 2009 |
| DNIR-291 | South Eastern Sydney Local Health District | NSW | Analysis of cytomegalovirus (CMV) genes involved in antiviral susceptibility, replication and cell tropism. | The aim of this dealing is to determine the role of different gene regions of CMV in infection and growth of the virus and inhibition of growth by antiviral drugs, focussing on the DNA polymerase and protein kinase mutations. | Licence Issued | 26 May 2004 | 18 Sep 2025 |
| DNIR-292 | QIMR Berghofer Medical Research Institute | QLD | Kunjin replicon virus like particles for delivery of cytokines into mice | The proponents intend to deliver immune response modulating genes into mice using Kunjin replicons with the aim of effecting tumour regression and preventing transplant rejection. | Expired | 30 Jul 2004 | 31 Jul 2014 |
| DNIR-293 | The University of Queensland | QLD | Viral delivery of genes or siRNA involved in adipogenesis or insulin signaling to cells | The aim of this dealing is to examine the effect of increasing or reducing the expression of factors involved in the body's response to insulin and in human fat tissue development in mammalian cells. | Surrendered | 30 Jul 2004 | 18 Oct 2007 |
| DNIR-294 | CSIRO | QLD | Expression of alpha mannosidase in human RD rhabdomyosarcoma cells | The aim of this dealing is to produce RD rhabdomyosarcoma cells expressing alpha mannosidase that can be encapsulated and used in guinea pig trials of an experimental enzyme replacement therapy. | Withdrawn | | |
| DNIR-295 | Murdoch Childrens Research Institute | VIC | Somatic cell genetic studies of mitochondrial respiratory chain disorders | The aim of this dealing is to determine the genetic basis of human diseases caused by mitochondrial energy generation disorders. | Expired | 30 Jul 2004 | 31 Oct 2011 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--|-------|--|---|----------------|-------------|------------------------|
| DNIR-296 | University of Technology Sydney | NSW | Characterisation of vaccine, drug and diagnostic targets in apicomplexan parasites | The aim of this dealing is to characterise molecules implicated in the survival and infection of apicomplexan parasites and to determine their suitability as targets for drug and vaccine development. | Withdrawn | | |
| DNIR-297 | Australian Defence Force Malaria and Infectious Disease Institute | QLD | Development of in vitro liver stage drug susceptibility assays for Plasmodium vivax, P. falciparum, P. yoelii, and P. cynomolgi. | The aim of this dealing is to develop an in vitro assay for evaluating the effectiveness of new drugs and vaccines against the liver stage of malarial parasites. | Expired | 30 Aug 2004 | 30 Jun 2009 |
| DNIR-298 | CSIRO | NSW | A Phase I/IIa, two centre, open-label, dose escalation study to assess the safety, tolerability and efficacy of FP253 in combination with fludarabine phosphate. | The aim of this dealing is to assess the safety, tolerability and efficacy of a candidate cancer therapeutic in a Phase I/IIa clinical trial in prostate cancer patients. | Expired | 23 Sep 2004 | 28 Feb 2015 |
| DNIR-299 | Monash University | VIC | Characterisation of replication competent hepatitis B viruses | The aim of this dealing is to characterise HBV viral DNA sequences present in blood samples from different animal species. | Expired | 22 Sep 2004 | 30 Sep 2014 |
| DNIR-300 | Western Sydney Local Health District | NSW | Expression of CD44 variants in ALL cells | The aim of this dealing is to examine the roles of the cell surface proteins CD44 and VLA-4 in the interaction of leukemic cells with the bone marrow. | Withdrawn | | |
| DNIR-301 | Intervet Australia Pty Ltd | VIC | Fermentation, processing and inactivation of M.haemolytica cultures | The aim of this dealing to produce large-scale quantities of recombinant M. haemolytica for use in an inactivated veterinary vaccine. | Licence Issued | 28 Jun 2004 | 30 Jun 2022 |
| DNIR-302 | Aveva Limited | VIC | Generation of stable cell lines expressing Hepatitis B Virus using the ViraPower lentiviral expression system. | The aim of this dealing is to generate recombinant liver cells that express hepatitis B virus. | Surrendered | 3 Sep 2004 | 29 Aug 2011 |
| DNIR-303 | Westmead Institute for Medical Research | NSW | Production of recombinant Vaccinia viruses for viral disease: immunogenicity studies and vaccine development | The purpose of the dealing is to study the immunogenicity of HIV and Herpes simplex virus proteins in vitro | Licence Issued | 3 Sep 2004 | 30 Sep 2024 |
| DNIR-304 | Western Sydney Local Health District | NSW | Storage of GMOs | The proponents intend to store recombinant mouse and human cell lines for future use. | Withdrawn | | |
| DNIR-305 | Peter MacCallum Cancer Centre | VIC | Wnt/FZD in human cancer | The aim of this dealing is to define the role of two particular proteins in colon cancer metastasis by modulating the expression of these proteins in colon cancer cell lines in vitro. | Surrendered | 5 Oct 2004 | 12 Jun 2007 |
| DNIR-306 | University of New South Wales | NSW | Study of human immunity against Hepatitis C virus | The aim of this dealing is to investigate specific immune responses against hepatitis C virus that allow some individuals to clear infection, others to become chronically infected and others to have a rapid disease progression. | Surrendered | 3 Sep 2004 | 20 Aug 2012 |
| DNIR-307 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | Molecular studies of HIV and HCV replication | The proponents intend to study the fusion and entry of human immunodeficiency virus and hepatitis C virus into human cell lines in vitro in order to develop antivirals and vaccines targeting this process. | Licence Issued | 5 Nov 2004 | 30 Nov 2024 |
| DNIR-308 | University of Canberra | ACT | Storage and maintenance of bacterial strains and plasmids for future use | The aim of this dealing is to store and maintain an array of bacterial strains and plasmids for future use. | Surrendered | 5 Nov 2004 | 30 Jun 2008 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|---|---|-------------|-------------|------------------------|
| DNIR-309 | The University of Adelaide | SA | Diagnosis and management of eutypa dieback | The aim of this dealing is to improve disease management strategies for the grapevine pathogen Eutypa lata by using DNA probes to detect the pathogen in infected grapevines and to analyse variations in the fungus. | Withdrawn | | |
| DNIR-310 | Institute of Medical and Veterinary Science | SA | Mechanisms of cell survival and apoptosis in multiple myeloma | The aim of this dealing is to investigate the role of various proteins involved in apoptosis and cell survival in multiple myeloma cells and to identify potential targets for therapy. | Surrendered | 9 Nov 2004 | 30 Jun 2008 |
| DNIR-311 | Department of Primary Industries (NSW) | NSW | DNA Adenine Methylase Salmonella Vaccines | The aim of this dealing is to evaluate the cross protective efficacy of the DNA adenine methylase deficient Salmonella typhimurium vaccine strain in calves. | Withdrawn | | |
| DNIR-312 | The University of New England | NSW | Interactions between beneficial bacteria and wheat | The aim of this dealing is to investigate the interactions between wheat and beneficial bacteria that suppress fungal diseases of wheat. | Withdrawn | | |
| DNIR-313 | Institute of Medical and Veterinary Science | SA | Study of breast cancer tumour suppressor genes | The aim of this dealing is to investigate the function of breast tumour suppressor genes and their interacting proteins in human breast cell lines in vitro. | Surrendered | 18 Nov 2004 | 30 Jun 2008 |
| DNIR-314 | Peter MacCallum Cancer Centre | VIC | Viral mediated approaches to examine cell growth, cell proliferation and cell death. | The aim of this dealing is to use viral vectors to introduce genes into cultured cells and animals to determine their role in cancer. | Expired | 19 Nov 2004 | 30 Nov 2019 |
| DNIR-315 | Peter MacCallum Cancer Centre | VIC | Expression and function of HIN 200 proteins. | The aim of this dealing is to use viral vectors to introduce genes encoding HIN-200 proteins into mice and cultured cells to determine their role in cellular differentiation. | Surrendered | 26 Nov 2004 | 26 Oct 2007 |
| DNIR-316 | The University of Adelaide | SA | Storage (Salmonella GMOs) | The storage of genetically modified Salmonella enterica Serovar Typhimurium. | Surrendered | 29 Nov 2004 | 3 Jul 2008 |
| DNIR-317 | Progen Industries Limited | QLD | Deltavasc | The aim is to generate large amounts of plasmid that will be formulated into a drug product for a US based Biotechnology company. | Expired | 22 Sep 2004 | 28 Feb 2006 |
| DNIR-318 | Flinders University | SA | Analysis of the M-flax rust resistance gene in transgenic flax and tobacco. | The aim is to use transgenic plants to study the control of expression and function of disease resistance proteins. | Withdrawn | | |
| DNIR-319 | IDT Australia Limited | VIC | Randomised, double blind, placebo controlled phase II dose-ranging study of the safety, tolerability and immunogenicity of live attenuated ChimeriVax - JE vaccine (lyophilised). | The aims of this study are to assess the safety, tolerability and immunogenicity of a new formulation of lyophilised ChimeriVaxä-JE, given at three dose levels, compared with the placebo. | Surrendered | 5 Nov 2004 | 17 Oct 2006 |
| DNIR-320 | Melbourne Health | VIC | Randomised, double blind, placebo controlled phase II dose-ranging study of the safety, tolerability and immunogenicity of live attenuated ChimeriVax - JE vaccine (lyophilised). | The aims of this study are to assess the safety, tolerability and immunogenicity of a new formulation of lyophilised ChimeriVaxä-JE, given at three dose levels, compared with a placebo. | Surrendered | 5 Nov 2004 | 17 Oct 2006 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--|-------|---|--|-------------|-------------|------------------------|
| DNIR-321 | The Walter and Eliza Hall Institute of Medical Research | VIC | Storage of GM Cell Lines that would require a licence if dealings with those GMOs were undertaken. | Storage of GM cell lines that would require a licence if dealt with. The GMOs will be stored in certified facilities or in other restricted access areas (such as a locked freezer or liquid nitrogen store). | Surrendered | 3 Dec 2004 | 28 Sep 2007 |
| DNIR-322 | CSL Limited | VIC | Pilot scale fermentation and processing of merozoite surface proteins (MSP) expressed in recombinant Escherichia coli (E.coli) | The aim is to use genetically modified bacteria to express proteins normally made by the malaria parasite to test as anti-malarial vaccines. | Expired | 4 Jan 2005 | 31 Jul 2008 |
| DNIR-323 | Griffith University | QLD | Development of novel gene transfer vectors for gene therapy. | The aims are to develop new mechanisms and vectors for gene therapy of respiratory diseases and cancers. | Expired | 7 Jan 2005 | 31 Aug 2013 |
| DNIR-324 | The University of Queensland | QLD | Complementation of mutations to genes that play a role in virulence in intestinal and extraintestinal bacteria. | This work will examine the processes important to adherence, colonisation, survival and pathogenesis employed by bacteria that cause enteric and urinary tract infections in humans. | Surrendered | 7 Jan 2005 | 18 Oct 2007 |
| DNIR-325 | The University of Queensland | QLD | Genetic analysis of X. albilineans. | This project explores the molecular basis for albicidin antibiotic biosynthesis and resistance in Xanthomonas albilineans. | Surrendered | 7 Jan 2005 | 18 Oct 2007 |
| DNIR-326 | St Vincent's Hospital (Melbourne) | VIC | Storage of GMOs that are a licensed dealing. | Storage of GMOs related to licenced dealings | Withdrawn | | |
| DNIR-327 | Mater Research Ltd | QLD | Retroviral expression of genes and small inhibitory RNA. | This study aims to use retroviral vectors to generate stable and transient expression of human and rodent genes in human and rodent cell lines. | Expired | 7 Jan 2005 | 31 Jan 2010 |
| DNIR-328 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | Immunotherapy for hepatitis C virus infection. | The aim is to treat HCV-infected individuals who have failed conventional interferon-based therapy, with activated dendritic cells. | Expired | 27 Jan 2005 | 31 Jan 2015 |
| DNIR-329 | The University of Melbourne | VIC | Identification of virulence determinants of Leptosphaeria maculans and sclerotinia sclerotiorum. | The aims are to identify the genes that allow L. maculans and S. sclerotiorum, two fungal pathogens, to cause disease in canola. | Surrendered | 25 Jan 2005 | 21 Aug 2007 |
| DNIR-330 | The University of Melbourne | VIC | Novel approaches to vaccination against bacterial diseases. | The purpose of this dealing is to construct attenuated Salmonella strains for use as potential Salmonella vaccines and to study the immunobiology of Salmonella infection and the efficacy of the attenuated Salmonella strains as vaccine delivery vehicles for foreign antigens. | Surrendered | 22 Jul 2005 | 23 Aug 2007 |
| DNIR-331 | The University of Melbourne | VIC | Investigation of the virulence of Klebsiella pneumoniae: development of a vaccine and immunotherapeutics. | The aims are to investigate the properties of the bacterium K. pneumoniae which allow it to cause pneumonia, urinary tract infections and sepsis. | Surrendered | 24 Jan 2005 | 21 Aug 2007 |
| DNIR-332 | The University of Melbourne | VIC | Identification of virulence-associated determinants and protective antigens in bacterial pathogens. | This dealing aims to identify novel virulence-associated determinants in several bacterial pathogens of humans and to investigate whether these factors can be used as targets for therapeutic or prophylactic vaccines. | Surrendered | 27 Jan 2005 | 28 Aug 2007 |
| DNIR-333 | The University of Melbourne | VIC | Manipulation of Influenza A viruses using reverse genetics to study both cellular, humoral and molecular characteristics of viral immunity. | The aims are to use reverse genetics on Influenza A virus to determine the cellular, humoral and molecular characteristics of anti-viral immunity. | Surrendered | 28 Jan 2005 | 23 Aug 2007 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--|-------|---|---|-------------|-------------|------------------------|
| DNIR-334 | University of New South Wales | NSW | Storage of GMOs that are a licensed dealing. | The aim of this dealing is to store or dispose of pre-existing GMOs generated by several GMAC dealings. | Surrendered | 27 Jan 2005 | 21 Dec 2007 |
| DNIR-335 | University of New South Wales | NSW | The role of quorum sensing in biofilm formation, virulence factor expression and environmental adaptation. | The aims are to study the role of quorum sensing, quorum sensing genes and quorum sensing controlled factors in the processes of biofilm formation, environmental adaptation and infection | Surrendered | 27 Jan 2005 | 21 Dec 2007 |
| DNIR-336 | University of Technology Sydney | NSW | Use of wild type, gene knock-out, and transgenic mice, and recombinant viruses to study cytokine biology. | The aims are to investigate the roles of immune cell activating proteins in the immune response to virus infection. | Expired | 28 Jan 2005 | 31 Jan 2020 |
| DNIR-337 | CSL Limited | VIC | Pilot scale fermentation and processing of hepatitis C polyprotein expressed in recombinant saccharomyces cerevisiae. | The aims are to produce pilot-scale quantities of Hepatitis C virus polyprotein from <i>S. cerevisiae</i> for purification and vaccine formulation. | Surrendered | 25 Jan 2005 | 8 Oct 2009 |
| DNIR-338 | Western Sydney Local Health District | NSW | Use of transgenic and gene knock-out mice and recombinant viruses to study tumour necrosis factor (TNF)-family molecule biology. | The aims are to investigate the role of TNF-related apoptosis inducing ligand (TRAIL) in the immune system. | Withdrawn | | |
| DNIR-339 | The University of Melbourne | VIC | Virulence genes of avian pathogenic Escherichia coli. | This study aims to identify the genes responsible for virulence in avian pathogenic Escherichia coli and to examine the efficacy of mutants with these genes deleted or disrupted as vaccine candidates.. | Surrendered | 8 Feb 2005 | 21 Aug 2007 |
| DNIR-340 | Western Sydney Local Health District | NSW | (1) Regulation of secretion of the fungal virulence determinant, phospholipase B. (2) Fungal phospholipases: exploring a new target for drug discovery. | The aims are to determine the mechanisms regulating cryptococcal Phospholipase B (PLB) synthesis and secretion and to develop new antifungals based on the inhibition of PLB. | Withdrawn | | |
| DNIR-341 | Women's and Children's Health Network Incorporated | SA | Functional analysis of genes involved in haemopoiesis by retroviral expression in human cells and cell lines. | This project aims to investigate the function of various genes with regard to the normal and abnormal growth of human blood cells. | Surrendered | 24 Feb 2005 | 7 Nov 2008 |
| DNIR-342 | The Children's Hospital at Westmead | NSW | Use of wild type, gene knock-out, and transgenic mice, and recombinant viruses to study cytokine biology. | The aims are to investigate the roles of immune cell activating proteins in the immune response to virus infection. | Surrendered | 28 Jan 2005 | 22 Sep 2009 |
| DNIR-343 | Macquarie University | NSW | Production of TMV-GFP viral vector. | The aim of this project is to produce assembled TMV-GFP viral vector from RNA transcript in young plants. | Withdrawn | | |
| DNIR-344 | Harry Perkins Institute of Medical Research | WA | Studying the regulation of gene transcription using amphotropic retroviruses. | The aims of this project are to use replication defective amphotropic retroviruses to transfer genes into mammalian cell lines and primary cells. | Surrendered | 30 Mar 2005 | 21 Sep 2007 |
| DNIR-345 | The University of Sydney | NSW | Function of Dichelobacter nodosus genes and production of recombinant antigens. | The purpose of the dealings is to investigate the function of potential virulence genes in Dichelobacter nodosus, the causative agent of footrot and, to produce recombinant antigens. | Expired | 6 Apr 2005 | 30 Apr 2015 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--|-------|---|---|----------------|-------------|------------------------|
| DNIR-346 | South Eastern Sydney Local Health District | NSW | Cellular Antiviral Immunity (including HIV and HCV) | The aim of this dealing is to study cellular immunity of human peripheral blood mononuclear cells to Human immunodeficiency virus (HIV) and Hepatitis C virus (HCV) by expressing HIV and HCV antigens using Vaccinia virus (VV) recombinant vectors and conducting in vitro assays that measure cytotoxic T cell activity, lymphoproliferative activity and cytokine production. | Surrendered | 4 May 2005 | 25 May 2009 |
| DNIR-347 | University of Wollongong | NSW | Storage of GMOs that are GMAC, NLRD and DNIR dealings | The purpose of this dealing is to store GMOs that were previously covered under GMAC, NLRDs and DNIRs. | Expired | 5 May 2005 | 30 Nov 2010 |
| DNIR-348 | CSIRO | VIC | Production of anti-CD59 Fab fragments using recombinant E. coli | The purpose of this dealing is to produce large-scale quantities of recombinant Escherichia coli expressing anti-CD59 antibody fragments and to purify the recombinant protein. | Surrendered | 14 Apr 2005 | 15 Mar 2010 |
| DNIR-349 | The University of Queensland | QLD | Investigation into the role of novel genes at the level of the cell and animal | The purpose of this dealing is to understand the role of genes of interest in disease specifically inflammation, tissue regeneration and congenital abnormalities. | Expired | 12 May 2005 | 31 May 2010 |
| DNIR-350 | University of Technology Sydney | NSW | Development of Chimeric and Humanized forms of a mouse monoclonal antibody | The aims of this dealing are to produce large-scale quantities of chimeric and humanised forms of the murine monoclonal antibody mKap. | Expired | 27 May 2005 | 31 May 2007 |
| DNIR-351 | The University of Melbourne | VIC | Cell wall metabolism in mycobacteria | The aim of this dealing is to investigate the cell wall metabolism of Mycobacterium tuberculosis, the causative agent of tuberculosis. | Surrendered | 27 Jun 2005 | 11 Sep 2014 |
| DNIR-352 | Seqirus Pty Ltd | VIC | Preparation of influenza vaccines of genetically modified, attenuated influenza A strains with a PR8 [A/Puerto Rico/8/1934 (H1N1)] background | The aim of the dealing is to prepare batches of inactivated human influenza vaccine from strains of attenuated avian influenza | Licence Issued | 6 Apr 2005 | 31 Mar 2025 |
| DNIR-353 | Queensland University of Technology | QLD | Investigation of host range determinants in Papaya Ringspot Virus | To use an artificial infection system for PRSV-P and W using cloned components to identify amino acids involved in host range through generation of recombinants representing mixtures of different regions of the two genomes and in vitro mutagenesis | Withdrawn | | |
| DNIR-354 | Murdoch Childrens Research Institute | VIC | Analysis of telometric structure and function in human marker chromosomes. | This project aims to determine the structure and function of the ends (telomeres) of human cytogenetic marker chromosomes | Withdrawn | | |
| DNIR-355 | Department of Primary Industries (NSW) | NSW | Function of Dichelobacter nodosus genes. | The purpose of this dealing is to examine the function of potential virulence genes in Dichelobacter nodosus, the causative agent of footrot, through in vivo testing on sheep (Ovis aries). | Expired | 3 Jun 2005 | 30 Jun 2010 |
| DNIR-356 | QIMR Berghofer Medical Research Institute | QLD | Expression and characterization of novel genes from Australian snakes. | The aims of this research are to clone and express venom proteins from Australian elapid snakes in relation to the treatment of envenomation victims or as therapeutic agents. | Expired | 16 Aug 2005 | 31 Aug 2015 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--------------------------------------|-------|---|---|----------------|-------------|------------------------|
| DNIR-357 | The University of Queensland | QLD | Investigation into the role of genes in neural development and repair. | The aims of this research are to use replication defective lentiviral vectors as a tool to investigate the function of genes that are involved in neural development and repair. | Expired | 22 Aug 2005 | 31 Aug 2015 |
| DNIR-358 | CSIRO | ACT | Immunocontraceptive effects of recombinant murine cytomegaloviruses expressing mouse zona pellucida subunit 3 protein. | The purpose of this dealing is to test the efficacy and safety of recombinant Murine cytomegalovirus expressing immunocontraceptive proteins. | Expired | 30 Jun 2005 | 30 Nov 2013 |
| DNIR-359 | CSIRO | ACT | Storage of GMOs that are licensed dealings. | The purpose of this dealing is to store GM cell lines that are no longer being worked on but for which the researchers wish to maintain stocks. | Expired | 30 Jun 2005 | 30 Nov 2013 |
| DNIR-360 | The University of Queensland | QLD | Identification of virulence determinants in encephalitic flaviviruses | The aims of this research are to investigate the role of flaviviral genes and untranslated genomic regions in the virulence and pathogenicity of encephalitic flaviviruses. | Surrendered | 7 Oct 2005 | 15 Jun 2010 |
| DNIR-361 | Peter MacCallum Cancer Centre | VIC | Viral mediated approaches to examine cell proliferation, differentiation transformation and death. | The aim of this research is to utilise replication defective viral vectors for the delivery of tumour-suppressor genes and oncogenes in order to study the proliferation, differentiation, transformation and death of mammalian cultured cells. | Withdrawn | | |
| DNIR-362 | University of New South Wales | NSW | The role of quorum sensing and biofilm related genes in environmental adaptation by marine Vibrio spp. | The aim of this project is to study those genes that appear, under laboratory conditions, to be essential for biofilm development and grazing resistance under real life conditions in the marine environment where the bacteria are exposed to natural variations in nutrients, light, and temperatures. | Withdrawn | | |
| DNIR-363 | Flinders University | SA | Storage of GMO's associated with the DNIR project. | | Withdrawn | | |
| DNIR-364 | University of Technology Sydney | NSW | Generation and characterisation of poxvirus Tumour Necrosis Factor Receptor (TNF-R) homologues orfs in subversion of cellular TNF-R signalling. | The aims of this research are to investigate how poxvirus tumour necrosis factor receptor-like proteins are able to inhibit the death of infected cells. | Licence Issued | 25 Oct 2005 | 31 Oct 2020 |
| DNIR-365 | Western Sydney Local Health District | NSW | Infusion of Ad5F35pp65-stimulated, donor-derived cytotoxic T lymphocytes for the prevention of CMV reactivation and infection following allogeneic stem cell transplantation. | The aim of this dealing is to conduct a clinical trial in patients undergoing blood or bone marrow transplantation. The trial will involve the use of a recombinant adenovirus as an antigen source | Withdrawn | | |
| DNIR-366 | PPD Australia Pty Ltd | VIC | Phase III clinical trials of ChimeriVax™-JE | The aims of this dealing are to conduct two phase III clinical trials of ChimeriVax-JE a live, attenuated, genetically modified vaccine against Japanese encephalitis (JE). | Expired | 26 Sep 2005 | 30 Jun 2009 |
| DNIR-367 | Australian National University | ACT | Molecular characterisation of the biogenesis and action of cholera toxin and related enterotoxins | The purpose of this dealing is to clone and express the cholera toxin of Vibrio cholerae and related enterotoxins of Escherichia coli, and to analyse their interactions with mammalian cells, for potential use in therapeutics. | Expired | 30 Nov 2005 | 30 Nov 2010 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|---|--|--------------------------|-------------|------------------------|
| DNIR-368 | Monash University | VIC | Measurement of cell entry mediated by HIV-1 particles pseudotyped with hepatitis C virus (HCV) envelope proteins. | The aims of this dealing are to investigate the entry into human liver cells in vitro of HIV-1 particles pseudotyped with Hepatitis C virus (HCV) envelope proteins | Surrendered | 6 Dec 2005 | 25 Aug 2016 |
| DNIR-369 | St Vincent's Hospital Sydney Limited | NSW | A Multicentre, Double-blind, randomised, placebo-controlled phase II proof-of-concept study to evaluate the safety and efficacy of a 3-dose regimen of the Merck adenovirus serotype 5 HIV-1 gag/pol/nef vaccine (MRKAd5 HIV-1 gag/pol/nef) in adults at high risk of HIV-1 infection | The aims of the dealing are to test the safety, efficacy and tolerability of a recombinant adenovirus vaccine containing genes from HIV-1 to act as a prophylactic vaccine to prevent HIV-1 infection of HIV-1 seronegative individuals. | Expired | 6 Feb 2006 | 31 Jan 2011 |
| DNIR-370 | St Vincent's Hospital Sydney Limited | NSW | A randomised study of therapeutic immunization and treatment interruption among subjects who began potent antiretroviral therapy within 16 days of diagnosis of acute or recent HIV infection | The aims of the dealing are to test the safety, efficacy and tolerability of a recombinant adenovirus containing genes from HIV-1 as a therapeutic vaccine to suppress viral replication and lower the viral load in patients who have been diagnosed with acute or recent HIV-1 infection and who have been receiving antiretroviral therapy. | Integrated into DNIR-369 | | |
| DNIR-371 | Harry Perkins Institute of Medical Research | WA | Generation of assay cell lines | | Withdrawn | | |
| DNIR-372 | Melbourne Health | VIC | The Effect of Hepatitis B Virus surface antigen mutations on Hepatitis Delta Virus assembly and release. | The aims of this research are to study the effect of mutations encoded by the Hepatitis B virus envelope genes on the assembly and release of Hepatitis delta virus. | Expired | 9 Feb 2006 | 28 Feb 2011 |
| DNIR-373 | The Children's Hospital at Westmead | NSW | Studies of Human Cell Immortalisation using Adeno-associated virus (AAV) vectors | | Withdrawn | | |
| DNIR-374 | CSL Limited | VIC | Fermentation and Processing of a Recombinant Antibody Expressed in Recombinant Chinese Hamster Ovary Cells. | The purpose of this dealing is to produce and purify pilot-scale quantities of recombinant, chimeric anti-cancer antibodies from Chinese Hamster Ovary cells | Expired | 20 Feb 2006 | 31 May 2011 |
| DNIR-375 | The University of Adelaide | SA | Adenoviruses as a delivery vector of exogenous protein expression in cultured cells and livers of mice | The aim of the proposed dealing is to use an adenovirus gene-delivery and over-expression system to evaluate the role that several cellular gene products, previously identified through microarray analysis of HCV-infected tissue, play in the progression of HCV-related liver disease | Withdrawn | | |
| DNIR-376 | The University of Sydney | NSW | RCAS gene transmission to TVA transgenic mice and cells | This study aims to identify human and mouse genes that are responsible for maintaining a normal differentiation program in keratinocytes. | Expired | 10 Apr 2006 | 30 Apr 2016 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|----------------------------------|-------|---|--|--------------------------|-------------|------------------------|
| DNIR-377 | The University of Sydney | NSW | Regulation of keratinocyte differentiation | The aim of the proposed dealings is to identify genes that are responsible for maintaining a normal differentiation program in keratinocytes, determine whether they are aberrantly expressed in cancers of the skin and head and neck region and to assess the carcinogenic consequences of aberrantly expressing them The aim of the proposed dealings is to identify genes that are responsible for maintaining a normal differentiation program in keratinocytes, determine whether they are aberrantly expressed in cancers of the skin and head and neck region and to assess the carcinogenic consequences of aberrantly expressing them | Withdrawn | | |
| DNIR-378 | University of Tasmania | TAS | Therapeutic Potential of shRNA's in Leukemic Cells | | Withdrawn | | |
| DNIR-379 | University of Tasmania | TAS | Storage of GMO's that are licenced dealing | | Withdrawn | | |
| DNIR-380 | Griffith University | QLD | Engineering anaerobic bacteria for multimodal cancer therapy | The aims of this study are to investigate the potential of utilising anaerobic bacteria that express recombinant immunotoxins as treatments for solid tumours in animal models. | Expired | 9 May 2006 | 31 Oct 2011 |
| DNIR-381 | The University of Melbourne | VIC | Biological requirements for prion formation | The aims of this research are to express isoforms of human, mouse and hamster prion protein to identify regions of the protein that modulate the infection process. | Surrendered | 16 May 2006 | 31 May 2011 |
| DNIR-382 | The University of Melbourne | VIC | Mutations in humans prion diseases | The aims of this research are to express isoforms of human, mouse and hamster prion protein to identify regions of the protein that modulate the infection process. | Integrated into DNIR-381 | | |
| DNIR-383 | The University of Melbourne | VIC | Analysis of HIV vaccination strategies | The aims of the dealing are to compare the efficacy of HIV vaccination strategies by the use of live recombinant vaccinia and influenza viruses expressing HIV antigens in mice in vivo and to develop a vaccination strategy based on the influenza virus | Withdrawn | | |
| DNIR-384 | Peter MacCallum Cancer Centre | VIC | Analysis of molecular signalling for growth of blood vessels and lymphatic vessels using adenoviral gene transfer | The purpose of this dealing is to transfer genes using adenoviral vector and to analyse the expressed proteins for growth of blood and lymphatic vessels in cultured mammalian cells and mice. | Licence Issued | 31 May 2006 | 31 May 2021 |
| DNIR-385 | Royal Perth Hospital | WA | Construction of recombinant plasmids carrying HCV viral genome inserts. | | Withdrawn | | |
| DNIR-386 | Sanofi-Aventis Australia Pty Ltd | QLD | Clinical trials of ChimeriVax™ Tetravalent Dengue Vaccine | The purpose of this dealing is to conduct a Phase IIa clinical trial of ChimeriVax™-DEN, a tetravalent, live, attenuated, chimeric, genetically modified vaccine against dengue virus. | Expired | 24 Jul 2006 | 31 Dec 2012 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|---|--|----------------|-------------|------------------------|
| DNIR-387 | CSIRO | VIC | Identification of virulence factors for infectious bursal disease virus (IBDV) | Recombinant strains of infectious bursal disease virus (IBDV) will be used to identify the virulence factors that make IBDV pathogenic to chickens. | Licence Issued | 21 Jul 2006 | 31 Jul 2024 |
| DNIR-388 | Baker Heart & Diabetes Institute | VIC | Virus-mediated approaches to examine cardiovascular disease in vitro and in vivo | This project utilises virus-based gene delivery to examine the processes that control the function of the heart and circulation in health and disease. | Expired | 1 Sep 2006 | 31 Aug 2012 |
| DNIR-389 | Griffith University | QLD | Mechanisms of Ross River viral disease | The aim of the proposed dealings is to study the pathogenesis of Ross River virus-induced polyarthritis in a mouse model. | Licence Issued | 1 Sep 2006 | 19 Dec 2021 |
| DNIR-390 | La Trobe University | VIC | Identification of virulence determinants of Venturia inaequalis, Botrytis cinerea and Sclerotinia sclerotiorum | | Withdrawn | | |
| DNIR-391 | Bioproperties Pty Ltd | VIC | Production of Neovac Antigens | The aim of this dealing is to produce four types of recombinant pili antigens to be used in the manufacture of a vaccine against neonatal scours in pigs. | Expired | 16 Oct 2006 | 31 Oct 2012 |
| DNIR-392 | The University of Western Australia | WA | Plasmids in Neisseria sp | The aims of this dealing are to identify and study the expression and function of genes involved in pathogenicity/virulence of Neisseria meningitidis and N. gonorrhoeae. | Surrendered | 2 Nov 2006 | 4 Oct 2011 |
| DNIR-393 | University of New South Wales | NSW | Evolution of hepatitis C virus (HCV) in cell culture | | Withdrawn | | |
| DNIR-394 | The University of Newcastle | NSW | Generation of low-pathogenic enteroviral full-length infectious clones | The purpose of this dealing is to generate full-length infectious clones of several low-pathogenic enteroviruses of the picornaviridae for characterisation of the virus genome(s) by in vitro studies. | Surrendered | 10 Nov 2006 | 30 Nov 2010 |
| DNIR-395 | Institute of Medical and Veterinary Science | SA | The use of lenti-viral vectors as delivery systems for the knock-down of proteins involved in gastric vagal afferent mechanosensitivity | | Withdrawn | | |
| DNIR-396 | The University of Queensland | QLD | Analysis of invertebrate virus genomes | This dealing aims to analyse the function of various invertebrate viral genomes by mutagenesis and subsequent analysis of virus function in vitro and in vivo. | Surrendered | 21 Nov 2006 | 8 Jun 2016 |
| DNIR-397 | Seqirus Pty Ltd | VIC | Development of improved attenuated H5 influenza virus for production of killed influenza vaccine | The aim of the proposed dealings is to use reverse genetics to produce an improved, attenuated H5 influenza vaccine strain with increased levels of surface haemagglutinin (HA) through modification of the HA gene. | Surrendered | 28 Nov 2006 | 19 Dec 2014 |
| DNIR-398 | QIMR Berghofer Medical Research Institute | QLD | Large Scale Production of a Human/Chimeric IgG4 Antibody for Clinical trials | The purpose of this dealing is to produce large scale quantities of a chimeric IgG4 antibody via cell culture for clinical use | Expired | 9 Nov 2006 | 30 Nov 2011 |
| DNIR-399 | La Trobe University | VIC | Mechanisms of cell death | | Withdrawn | | |
| DNIR-400 | Cargill Australia Limited | NSW | Canadian canola seed import for further processing at Newcastle | The aim of the dealing is to import Canadian canola seed into Newcastle, NSW, Australia for crushing in order to supply domestic oil and meal demands. | Licence Issued | 22 Sep 2006 | 30 Sep 2021 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--|-------|---|---|----------------|-------------|------------------------|
| DNIR-401 | Westmead Institute for Medical Research | NSW | Transmissible genetic elements in bacteria | The purpose of this dealing is to characterise antibiotic resistance-associated genetic loci such as resistance genes and mobile genetic elements in bacteria. | Licence Issued | 23 Jan 2007 | 20 Jan 2022 |
| DNIR-402 | Clinical Network Services (CNS) Pty Ltd | QLD | Single armed, multicentre, open label clinical study evaluating the safety and tolerability of NovaCaps in patients with inoperable pancreatic carcinoma | The aim of this dealing is to conduct a phase I clinical trial of an encapsulated cell therapy product (NovaCaps) that activates the prodrug ifosfamide in patients with inoperable pancreatic carcinoma. | Surrendered | 16 Jan 2007 | 7 Nov 2008 |
| DNIR-403 | Progen Industries Limited | QLD | Large scale production of Mannan Fusion Protein | | Withdrawn | | |
| DNIR-404 | The University of Sydney | NSW | A gene therapy strategy for prion disease using lentiviral vector delivery of short hairpin RNA (shRNA) targeting the PrPc gene | | Withdrawn | | |
| DNIR-405 | The University of Queensland | QLD | Overexpression and mutant complementation in Cryptococcus | The aim of this dealing is to investigate mating and growth regulators in Cryptococcus species. | Surrendered | 5 Mar 2007 | 22 Jan 2009 |
| DNIR-406 | Imugene Limited | NSW | Construction and testing of porcine adenovirus (PAV) vectors expressing foreign DNA | The aim of this dealing is to develop and conduct in vitro tests of potential vaccines and therapeutics for the poultry and pork industries | Surrendered | 5 Apr 2007 | 25 Jan 2013 |
| DNIR-407 | Imugene Limited | NSW | Construction and testing of fowl adenovirus (FAV) vectors expressing foreign DNA | The aim of this dealing is to develop and conduct in vitro tests of potential vaccines and therapeutics for the poultry and pork industries | Surrendered | 5 Apr 2007 | 25 Jan 2013 |
| DNIR-408 | Institute of Medical and Veterinary Science | SA | Binding and replication studies of Norovirus | | Withdrawn | | |
| DNIR-409 | The University of New England | NSW | Is XprG a global regulator of fungal virulence? | | Withdrawn | | |
| DNIR-410 | Women's and Children's Health Network Incorporated | SA | New approaches to understanding bone fusion | | Withdrawn | | |
| DNIR-411 | Murdoch University | WA | Pathogenicity determinants of Septoria (Stagonospora) nodorum | | Withdrawn | | |
| DNIR-412 | Queensland University of Technology | QLD | Population Dynamics of Arboviruses | | Not issued | | |
| DNIR-413 | The University of Melbourne | VIC | Analysis of malaria proteins and regulatory DNA sequences through disruption and complementation | | Withdrawn | | |
| DNIR-414 | The University of Queensland | QLD | Characterisation of Cytomegalovirus chemokine receptor homologues | The purpose of this dealing is to investigate the function of mouse and human viral chemokine receptors in promoting virus replication and dissemination during infection | Licence Issued | 13 Jun 2007 | 31 Mar 2022 |
| DNIR-415 | The University of Western Australia | WA | A phase I/II human gene therapy trial to establish the base line safety and efficacy following a single subretinal injection of rAAV.sFlt-1 for the treatment of exudative age related macular degeneration (AMD) | The purpose of this dealing is to conduct a phase I/II clinical trial of a genetically modified replication defective Adeno-associated virus in patients suffering exudative age related macular degeneration | Surrendered | 2 Jul 2007 | 12 May 2015 |
| DNIR-416 | Ludwig Institute for Cancer Research Melbourne-Austin Branch | VIC | Dissecting the mechanism of immunodominance hierarchy | | Withdrawn | | |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--|-------|--|--|----------------|-------------|------------------------|
| DNIR-417 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | Studies of dengue type 2 virus replication | | Withdrawn | | |
| DNIR-418 | Biotron Limited | NSW | Anti Viral Drugs | The purpose of this dealing is to use GM viruses to understand how novel anti-HIV drugs act against HIV-1 and confirm the target site of drug activity | Expired | 17 Sep 2007 | 15 Feb 2015 |
| DNIR-419 | Institute of Medical and Veterinary Science | SA | Designing novel vaccination approaches to provide protection against vaccinia virus infection | | Withdrawn | | |
| DNIR-420 | Central Adelaide Local Health Network | SA | Determining the relative packaging efficiency of HIV-1 and HIV-1 derived vector genomes | The purpose of the dealing is to determine the relative packaging efficiencies of wild-type HIV-1 genomic RNA and the genomic RNA of attenuated HIV-1 derived gene vectors | Surrendered | 5 Oct 2007 | 22 Sep 2011 |
| DNIR-421 | Sanofi Pasteur Pty Ltd | NSW | Recombinant, live attenuated Japanese encephalitis vaccine (ChimeriVax™-JE) | | Withdrawn | | |
| DNIR-422 | Westmead Institute for Medical Research | NSW | Pathogenesis of hepatitis C virus | The aim of the project is to understand how hepatitis C virus causes disease in infected people, including fatty liver, inflammation and scarring of the liver, liver failure and liver cancer | Licence Issued | 8 Nov 2007 | 31 Aug 2022 |
| DNIR-423 | QIMR Berghofer Medical Research Institute | QLD | The biology of arbovirus fitness in arthropod hosts | The purpose of this dealing is to study the replication of genetically modified Ross River virus strains in mosquitoes | Expired | 16 Nov 2007 | 30 Nov 2012 |
| DNIR-424 | Women's and Children's Health Network Incorporated | SA | Evolution and selection of complement-resistant VSV-G variants | The purpose of this dealing is to isolate a complement-resistant variant of the Vesicular stomatitis virus (VSV)-G glycoprotein that can be used to pseudotype lentiviral vectors | Surrendered | 16 Nov 2007 | 22 Sep 2011 |
| DNIR-425 | Seqirus Pty Ltd | VIC | Influenza viruses | The aim of the dealing is to construct influenza viruses by reverse genetics for research purposes | Licence Issued | 16 Nov 2007 | 30 Jun 2021 |
| DNIR-426 | Griffith University | QLD | Characterising virulence in enteric pathogens | The purpose of these dealings is to study the function of bacterial molecules that enter into and alter host cells in order to understand disease progression and identify targets for therapeutics | Surrendered | 21 Dec 2007 | 9 Feb 2011 |
| DNIR-427 | CSIRO | VIC | Molecular identification and characterisation of the virulence and host range determinants of SARS and SARS-like coronaviruses | The aims of this dealing are to investigate the role of virulence and host-range determinants in vitro in Severe Acute Respiratory Syndrome (SARS) and SARS-like coronaviruses | Licence Issued | 7 Feb 2008 | 30 Nov 2022 |
| DNIR-428 | CSIRO | VIC | Identification of virulence factors for Henipaviruses | This study aims to generate recombinant Hendra virus and Nipah virus that include mutations or deletions in viral genes or the non-coding regions to determine their role in Henipavirus pathogenesis and transmission | Surrendered | 7 Feb 2008 | 15 Nov 2011 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--|-------|--|---|----------------|-------------|------------------------|
| DNIR-429 | Cargill Australia Limited | VIC | Importation of US Corn for further processing into stockfeed | The aim of this dealing is to import corn which potentially includes GM lines into Newcastle and Melbourne for processing to produce domestic stockfeed. | Licence Issued | 21 Feb 2008 | 28 Feb 2021 |
| DNIR-430 | The University of Melbourne | VIC | Gene transfer of neurotrophins for survival and reconnection of regenerating auditory nerves | | Withdrawn | | |
| DNIR-431 | Women's and Children's Health Network Incorporated | SA | Lentiviral-mediated gene therapy | Development and testing of lentiviral HIV-1 vector systems for the treatment of monogenic diseases | Surrendered | 8 Mar 2008 | 10 Nov 2016 |
| DNIR-432 | University of Technology Sydney | NSW | Insulin storage and release from liver hepatocytes | The purpose of the proposed dealings is to develop a somatic cell gene therapy system using lentiviral vectors for the treatment of diabetes. | Licence Issued | 31 Mar 2008 | 31 Aug 2022 |
| DNIR-433 | University of Technology Sydney | NSW | Insulin storage and release from liver hepatocytes using a new lentiviral vector | | Withdrawn | | |
| DNIR-434 | CSIRO | VIC | Generation of new vaccines to Marek's disease virus | | Withdrawn | | |
| DNIR-435 | Flinders University | SA | Lentivirus-mediated gene transfer to prolong corneal graft survival | The aims of these dealings are to investigate the potential for lentiviral and adenoviral (var-6526) mediated gene therapy to improve the survival of corneal grafts in animal models | Surrendered | 2 Apr 2008 | 1 Dec 2015 |
| DNIR-436 | Institute of Medical and Veterinary Science | SA | The effects of BCR-ABL and BCR-ABL mutants on transporter expression and function | | Withdrawn | | |
| DNIR-437 | QIMR Berghofer Medical Research Institute | QLD | Cleanroom manufacturing of a chemotherapeutic drug delivery technology for use in cancer therapy | The purpose of this dealing is to produce large scale preparations of a drug delivery vehicle for use in cancer therapy | Surrendered | 28 Apr 2008 | 25 May 2009 |
| DNIR-438 | Royal Prince Alfred Hospital | NSW | Phase 1 safety study in subjects with severe Hemophilia B (Factor IX Deficiency) using adeno-associated viral vector to deliver the gene for Human Factor IX into the liver coupled with transient immunomodulation. | The purpose of this dealing is to conduct a phase I clinical trial of a genetically modified, replication defective Adeno-associated viral vector in patients suffering Hemophilia B in combination with immunosuppressive therapy. | Surrendered | 20 Jun 2008 | 7 Jan 2013 |
| DNIR-439 | The University of Queensland | QLD | Virus-mediated approaches to examine cardiovascular disease in vitro and in vivo | The aim of the proposed dealings is to investigate the regulation of cardiac function in vivo by the delivery of cardiac regulatory genes into rodents using replication-defective viral vectors. | Licence Issued | 30 Jun 2008 | 31 Mar 2023 |
| DNIR-440 | The University of Queensland | QLD | Mechanisms of growth hormone signalling II | This project will investigate how growth hormone signals via the growth hormone receptor and other genes to control growth and metabolism, and its role in the development of cancer. | Licence Issued | 30 Jun 2008 | 30 Apr 2023 |
| DNIR-441 | QIMR Berghofer Medical Research Institute | QLD | Characterizing Host Immunity to Plasmodium | The aims of this dealing are to characterise Plasmodium antigens in vitro and in vivo, to assess their suitability in the development of a malaria vaccine | Expired | 15 Jul 2008 | 31 Jul 2019 |
| DNIR-442 | Women's and Children's Health Network Incorporated | SA | Lentivirus Gene Transfer to Treat Cystic Fibrosis Airway Disease | The purpose of this dealing is to test lentiviral HIV-1 vector systems for the treatment of cystic fibrosis. | Surrendered | 18 Jul 2008 | 10 Nov 2016 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---------------------------------------|-------|---|--|----------------|-------------|------------------------|
| DNIR-443 | CSIRO | VIC | Avian Influenza: A Study of Molecular Pathogenesis | The purpose of this dealing is to identify sequence changes in H5N1 influenza viral genes that cause differences in the severity of disease symptoms in avian and mammalian hosts. | Licence Issued | 7 Aug 2008 | 31 Oct 2012 |
| DNIR-444 | The Bionics Institute of Australia | VIC | Gene transfer of neurotrophins for survival and reconnection of regenerating auditory nerves | This study aims to utilise adenoviral and adeno-associated viral vector gene therapy to determine whether locally expressed neurotrophins can promote nerve survival and nerve regeneration in the inner ear of animals | Expired | 4 Apr 2008 | 30 Apr 2013 |
| DNIR-445 | CSIRO | QLD | Characterisation of pathogenicity determinants of Fusarium oxysporum | | Withdrawn | | |
| DNIR-446 | The Queen Elizabeth Hospital | SA | Transduction of islets with Adenovirus and Adeno associated virus expressing marker and/or therapeutic genes to improve islet survival and function following transplantation | | Withdrawn | | |
| DNIR-447 | CSIRO | QLD | Characterisation of putative pathogenicity determinants in Fusarium species by gene knockout and complementation | | Withdrawn | | |
| DNIR-448 | O'Brien Institute | VIC | Targeting NADPH oxidase in angiogenesis in vivo | | Withdrawn | | |
| DNIR-449 | Peter MacCallum Cancer Centre | VIC | Phase I study of autologous T lymphocytes with an anti LeY chimeric receptor gene for patients with Multiple Myeloma, AML or high-risk MDS | The purpose of this dealing is to analyze the safety and efficacy of autologous administration of genetically modified T-lymphocytes expressing an anti-Lewis Y antibody for the treatment of cancer in patients enrolled in a Phase I clinical trial. | Expired | 6 Nov 2008 | 31 Dec 2012 |
| DNIR-450 | Monash University | VIC | Polymyxin resistance in Gram-negative bacteria | | Withdrawn | | |
| DNIR-451 | Central Adelaide Local Health Network | SA | Expression of lysosomal enzymes and shRNA from a lentiviral vector and gene therapy for MPS | The purpose of this dealing is the development of gene therapies for the treatment of lysosomal storage diseases using lentiviral vectors. | Expired | 10 Dec 2008 | 4 Apr 2014 |
| DNIR-452 | The University of Queensland | QLD | Genome wide overexpression and knockdown of mRNA transcripts at the level of the cell | The purpose of this dealing is to use replication defective lentiviral vectors encoding gene silencing constructs to study gene expression in mammalian cells in vitro | Surrendered | 22 Dec 2008 | 20 Aug 2012 |
| DNIR-453 | The University of Queensland | QLD | Investigations into the role of novel genes at the level of the cell and animal | The purpose of this dealing is to use replication defective lentiviral vectors in vitro and in vivo as a tool to investigate the function of genes involved in eukaryotic tissue, organ and organism development. | Surrendered | 19 Apr 2009 | 11 Jan 2016 |
| DNIR-454 | University of New South Wales | NSW | Development of a pseudo-typed NoV to investigate NoV replication in cell culture | The purpose of this dealing is to develop a pseudo-typed murine Norovirus to investigate Norovirus replication in cell culture. | Expired | 24 Feb 2009 | 13 Jun 2014 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|--|--|----------------|-------------|------------------------|
| DNIR-455 | PPD Australia Pty Ltd | SA | Clinical Study MI-CP178 - A Phase 1/2a, Randomized, Double-Blind, Placebo-Controlled, Dose-Escalation Study to Evaluate the Safety, Tolerability, immunogenicity and Vaccine-like Viral Shedding of MEDI-534, a Live, Attenuated Intranasal Vaccine Against Respiratory Syncytial Virus (RSV) and Parainfluenza Virus Type 3 (PIV3), in Healthy 6 to <24 Month-old Children and in 2 Month-old Infants | | Withdrawn | | |
| DNIR-456 | The University of Western Australia | WA | Development of a Prime-Boost anti-cancer vaccine | The purpose of this dealing is to test prime-boost anti-cancer vaccines using in vivo murine tumour models. | Expired | 19 Mar 2009 | 31 Mar 2019 |
| DNIR-457 | The Walter and Eliza Hall Institute of Medical Research | VIC | Knockdown of gene expression in human and mouse cells using lentiviral libraries | The purpose of these dealings is to use replication defective lentiviral vectors encoding gene silencing constructs to study cellular behaviour in vitro. | Surrendered | 20 Mar 2009 | 20 Aug 2012 |
| DNIR-458 | CSIRO | VIC | Pathogenicity of J paramyxovirus (JPV) and Beilong paramyxovirus (BeiPV) | The purpose of this dealing is to generate recombinant J Paramyxovirus and Beilong Paramyxovirus that including changes in viral genes or non-coding regions to determine their influence on pathogenicity | Expired | 6 Apr 2009 | 30 Apr 2014 |
| DNIR-459 | Women's and Children's Health Network Incorporated | SA | Molecular mechanisms of bone growth | The purpose of this dealing is to use replication defective lentiviral vectors in vitro and in vivo as a tool to investigate the function of genes involved in bone growth or repair. | Expired | 14 Apr 2009 | 30 Apr 2014 |
| DNIR-460 | Peter MacCallum Cancer Centre | VIC | Use of a short hairpin microRNAi (shRNA-mir) lentiviral based library for small and large scale functional genomics screens | The purpose of these dealings is to use replication defective lentiviral vectors encoding gene silencing constructs to study cellular behaviour in vitro. | Licence Issued | 20 Mar 2009 | 31 Mar 2024 |
| DNIR-461 | Amgen Australia Pty Ltd | QLD | Clinical trials to evaluate the efficacy and safety of treatment with GM human herpes virus 1 (talimogene laherparepvec) | The purpose of the dealings is to undertake the Australian arm of multi-national clinical trials in melanoma patients. | Expired | 26 Jun 2009 | 31 Mar 2019 |
| DNIR-462 | University of Technology Sydney | NSW | Roles for TNF-family molecules in anti-viral immunity | | Withdrawn | | |
| DNIR-463 | Griffith University | QLD | Engineering anaerobic bacteria for multimodal cancer therapy | The purpose of the dealings is to generate anaerobic bacteria that express recombinant immunotoxins specific for solid tumours and to test the oncolytic activity of the GMO in vitro and in vivo. | Licence Issued | 30 Sep 2009 | 30 Sep 2025 |
| DNIR-464 | QIMR Berghofer Medical Research Institute | QLD | Investigation of Malaria parasite proteins | | Withdrawn | | |
| DNIR-465 | South Eastern Sydney Local Health District | NSW | Investigation of polymerase (PB1) fidelity from different influenza strains | The purpose of the dealing is to construct reassorted influenza viruses by reverse genetics for research purposes. | Licence Issued | 6 Sep 2009 | 30 Sep 2022 |
| DNIR-466 | Peter MacCallum Cancer Centre | VIC | Regulation of Tumor Suppression | | Withdrawn | | |
| DNIR-467 | St Vincent's Institute of Medical Research | VIC | The role of LIMK1 and its interacting proteins in cancer metastasis | The purpose of this dealing is to identify novel proteins involved in cancer metastasis and explore the role of these and LIM kinases in tumour cell invasiveness. | Surrendered | 13 Oct 2009 | 13 Nov 2013 |

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|----------|---|-------|---|--|----------------|-------------|------------------------|
| DNIR-468 | QIMR Berghofer Medical Research Institute | QLD | Investigation of malaria parasite proteins | The aim of the proposed dealings is to investigate the function of characterised and uncharacterised DNA sequences in the erythrocytic stage rodent and human malaria parasite Plasmodium. | Expired | 30 Oct 2009 | 31 Oct 2019 |
| DNIR-469 | The University of Melbourne | VIC | Complementation of Mycobacterium spp and Streptomyces spp with genes required for the synthesis of mycolactones | The aim of the proposed dealing is to understand how mycobacteria produce mycolactones | Licence Issued | 26 Oct 2009 | 31 Oct 2024 |
| DNIR-470 | The University of Melbourne | VIC | Pathogenesis in Staphylococcus aureus | The purpose of this dealing is to understand: 1) how S. aureus strains develop low-level resistance to the antibiotic vancomycin; and 2) the role of S. aureus protein toxins in disease. | Licence Issued | 13 Nov 2009 | 30 Nov 2024 |
| DNIR-471 | The University of Sydney | NSW | Adeno-associated virus expression of immunosuppressive genes in rodent livers | This study aims to utilise adeno-associated viral vector gene therapy to determine whether a locally expressed immunosuppressive genes can promote the acceptance of transplanted organs in animal transplant models. | Expired | 16 Oct 2009 | 30 Oct 2019 |
| DNIR-472 | The University of Queensland | QLD | Vector competence studies on selected flavivirus mutants | The aims of this dealing are to investigate the role of flaviviral genes and untranslated genomic regions in the neurovirulence and/or pathogenicity of flaviviruses | Licence Issued | 9 Nov 2009 | 30 Nov 2024 |
| DNIR-473 | The University of Melbourne | VIC | Cardiovascular reactivity to stress: role of redox signaling in the hypothalamus and brainstem | The purpose of this dealing is to use replication defective lentiviral vectors in vivo to investigate the role of redox signalling genes in the cardiovascular response to stress. | Surrendered | 21 Dec 2009 | 25 Mar 2013 |
| DNIR-474 | The University of Melbourne | VIC | The Impact of influenza A virus PB1-F2 protein on host immunity and potential for therapeutic targeting | The purpose of this dealing is to determine the mechanisms by which the protein PB1 F2 contributes to the virulence of Influenza A virus. | Expired | 15 Jan 2010 | 31 Jan 2015 |
| DNIR-475 | O'Brien Institute | VIC | Targeting NADPH Oxidase in angiogenesis | The purpose of this dealing is to study the importance of the enzyme NADPH oxidase in the growth of blood vessels and tumours that depend on the blood vessel growth. | Surrendered | 15 Feb 2010 | 15 Feb 2012 |
| DNIR-476 | Murdoch Childrens Research Institute | VIC | Developing Lentiviral Vectors for Gene Therapy of Friedreich Ataxia | The purpose of the dealing is to develop replication defective lentiviral vectors for gene therapy of Friedreich Ataxia. | Surrendered | 2 Mar 2010 | 6 May 2013 |
| DNIR-477 | The University of Adelaide | SA | Human immunodeficiency vaccine studies | The aim of the proposed dealings is to test the efficacy of vaccines against HIV in mice by challenge with ecotropic HIV (EcoHIV), a genetically modified (GM) HIV that specifically infects rodents. | Licence Issued | 12 Apr 2010 | 30 Apr 2021 |
| DNIR-478 | University of Canberra | ACT | Interferon-adjuvanted flavivirus vaccine | The proposed dealings are to introduce an interferon gene into the genome of Murray Valley encephalitis virus or chimeric Murray Valley encephalitis virus that has had two structural genes replaced with those of Dengue virus, with an aim to create interferon-adjuvanted flavivirus vaccines. | Licence Issued | 23 Mar 2010 | 31 Mar 2025 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|--|---|----------------|-------------|------------------------|
| DNIR-479 | The University of Melbourne | VIC | Modulation of brain activity for understanding cardiovascular diseases | The purpose of this dealing is to use replication defective lentiviral vectors to deliver genes to brain regions of rodents to examine the role of specific neurons in the regulation of cardiovascular function. | Surrendered | 30 Mar 2010 | 16 Oct 2012 |
| DNIR-480 | The University of Queensland | QLD | In vivo modification of target cell populations to study signalling pathways | This study aims to use retroviral vectors to investigate signalling pathways involved in stem cell differentiation and the onset of metastasis in a whole animal context. | Expired | 5 May 2010 | 31 May 2015 |
| DNIR-481 | CSL Limited | VIC | Rescue of Influenza B viruses by reverse genetics for research purposes | | Withdrawn | | |
| DNIR-482 | Telethon Kids Institute | WA | Comparative analysis of human and kangaroo Leishmania: defining human pathogenicity genes. | The purpose of this dealing is to use Australian Leishmania as a tool to identify genes involved in pathogenesis of human Leishmania species. | Expired | 28 May 2010 | 31 May 2019 |
| DNIR-483 | The University of Queensland | QLD | Manipulation of the immune system in mouse skin using immunoregulatory cytokines | This study aims to use genetically modified Fowlpox virus to investigate the ability of immunomodulatory molecules to enhance the action of an anti-cancer vaccine. | Surrendered | 1 Jun 2010 | 4 Jul 2014 |
| DNIR-484 | CSL Limited | VIC | Rescue of Influenza A viruses by reverse genetics for research purposes | | Withdrawn | | |
| DNIR-485 | QIMR Berghofer Medical Research Institute | QLD | Mouse studies using EcoHIV | The purpose of the dealings is to generate and use a genetically modified HIV that specifically infects rodents to analyse the role of specific host genes or drugs in regulating anti-viral immunity and virus replication. | Licence Issued | 15 Jul 2010 | 31 Jul 2025 |
| DNIR-486 | Calimmune Australia Pty Ltd | NSW | Gene Therapy for HIV | This study aims to test an in vitro model for HIV gene therapy, by challenging transgenic cells expressing potential anti-HIV genes with GM HIV virions. | Expired | 20 Jul 2010 | 31 Jul 2015 |
| DNIR-487 | Harry Perkins Institute of Medical Research | WA | The use of short hairpin microRNAi lentiviral based constructs and libraries for functional analysis | The purpose of this dealing is to use lentiviral mediated short hairpin RNAi sequences to identify genes and/or pathways involved in various diseases such as cancer and diabetes, as well as immunological and neurological disorders. | Licence Issued | 25 Aug 2010 | 31 Aug 2025 |
| DNIR-488 | CSIRO | VIC | Identification of determinants of virulence and vector competence factors in Bluetongue virus | The purpose of the dealings is to use reverse genetics to produce genetically-modified Bluetongue virus to identify determinants of virulence and vector competence. | Expired | 30 Aug 2010 | 31 Aug 2015 |
| DNIR-489 | St Vincent's Institute of Medical Research | VIC | The Role of micro-RNAs in Cancer Models | This study aims to use replication-defective lentiviral vectors to study genes and micro-RNAs involved in tumour invasion and metastasis. | Surrendered | 1 Sep 2010 | 8 Jul 2012 |
| DNIR-490 | CSIRO | VIC | Identification of determinants of virulence and vector competence factors in ephemeroviruses | The purpose of the dealings is to produce genetically modified insect-vectored animal Rhabdoviruses to identify determinants of virulence and vector competence. | Expired | 22 Oct 2010 | 31 Oct 2015 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--|-------|--|--|----------------|-------------|------------------------|
| DNIR-491 | Australian Institute of Marine Science | QLD | Cloning and over-expression of a metalloprotease implicated in the virulence of a coral pathogen vibrio coralliilyticus | This study aims to elucidate the mechanism of action of a virulence factor from the coral pathogen <i>Vibrio coralliilyticus</i> . The virulence factor, a metalloprotease, will be overexpressed in an attenuated vaccine strain of <i>V. cholerae</i> . | Expired | 31 Oct 2010 | 31 Oct 2015 |
| DNIR-492 | CSIRO | VIC | Construction of a Taura syndrome virus infectious clone | The purpose of the dealings is to use reverse genetics to produce genetically modified (GM) Taura syndrome virus to identify virulence determinants. | Expired | 28 Oct 2010 | 30 Nov 2016 |
| DNIR-493 | The University of Queensland | QLD | Molecular analysis of streptococcus pyogenes | The aim of the dealing is to gain an understanding of the role of <i>S. pyogenes</i> gene products in streptococcal infection and disease. | Expired | 24 Nov 2010 | 30 Nov 2015 |
| DNIR-494 | Peter MacCallum Cancer Centre | VIC | Regulation of tumour suppression | This the purpose of this study is to use replication-defective lentiviral vectors to study regulation of the p53 tumour suppressor pathway. | Expired | 29 Nov 2010 | 30 Nov 2015 |
| DNIR-495 | CSIRO | ACT | Generation of recombinant Rabbit Caliciviruses | The purpose of this project is to study the biology of rabbit caliciviruses by generating GM caliciviruses and developing GM cell lines. | Licence Issued | 22 Dec 2010 | 31 Dec 2020 |
| DNIR-496 | CSIRO | VIC | Characterisation of the molecular determinants of host range and pathogenicity for Henipaviruses | This the purpose of this study is to generate and characterise, in vivo and in vitro, genetically modified (GM) Hendra virus and Nipah virus. Viral genes and non-coding regions will be mutated, deleted or replaced in order to determine their role in pathogenesis, host range and transmission. | Licence Issued | 5 Jan 2011 | 31 Jan 2021 |
| DNIR-497 | The University of Queensland | QLD | Expression and characterization of novel genes from Australian snakes | This study aims to use clone and express venom proteins from 20 Australian elapid snakes that may useful in the treatment of envenomation victims or as therapeutic agents. | Licence Issued | 13 Jan 2011 | 31 Jan 2021 |
| DNIR-498 | Western Sydney Local Health District | NSW | Isolation and characterisation of genes involved in antifungal drug metabolism including drug resistance in pathogenic yeasts | The aim of the proposed dealings is to elucidate the mode of action of the antifungal drug miltefosine in pathogenic yeasts, ie <i>Cryptococcus neoformans</i> and <i>Candida</i> species. | Surrendered | 19 Jan 2011 | 12 Jun 2014 |
| DNIR-499 | The Walter and Eliza Hall Institute of Medical Research | VIC | Augmenting anti-viral immunity | | Withdrawn | | |
| DNIR-500 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | Xenotropic murine leukemia virus-related virus (XMRV) and prostate cancer | | Withdrawn | | |
| DNIR-501 | Central Adelaide Local Health Network | SA | A phase 1 study of autologous GD2 chimeric antigen receptor-expressing peripheral blood T cells in patients with metastatic melanoma | A clinical trial assessing the feasibility, safety and efficacy of GM autologous T cells for the treatment of metastatic melanoma. | Surrendered | 20 Jul 2011 | 10 Jan 2014 |
| DNIR-502 | Harry Perkins Institute of Medical Research | WA | Lentiviral gene overexpression and knock-down using short hairpin micro RNAi | | Withdrawn | | |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--|-------|--|--|----------------|-------------|------------------------|
| DNIR-503 | The University of Melbourne | VIC | Functional analysis of Schistosoma spp egg-secreted proteins using vector-based RNAi | This study aims to use replication-defective lentiviral vectors to generate GM Schistosoma spp to analyse the function of egg-secreted proteins at different stages of the Schistosoma life cycle. | Surrendered | 10 Aug 2011 | 19 Dec 2013 |
| DNIR-504 | Virax Holdings Limited | VIC | Clinical study of the efficacy and safety of intra-tumoural injection of TG1042 in nodular basal cell carcinoma | This clinical trial aims to test the efficacy and safety of TG1042 for the treatment of nodular basal cell carcinoma | Expired | 3 Aug 2011 | 4 Aug 2013 |
| DNIR-505 | The University of Adelaide | SA | Lentiviral vectors to assess HIV vaccine efficacy | The purpose of the proposed dealings is to use lentiviral vectors to express HIV genes in mice as a model of HIV infection. | Licence Issued | 26 Aug 2011 | 29 Aug 2021 |
| DNIR-506 | CSIRO | VIC | Expression of a fatty acid modifying enzyme in Candida tropicalis | The purpose of this dealing is to determine whether it is possible to use GM Candida tropicalis to produce industrial quantities of Omega-hydroxyfatty acids | Expired | 9 Sep 2011 | 30 Sep 2014 |
| DNIR-507 | The University of Sydney | NSW | The use of virus vectors for research in plants | | Withdrawn | | |
| DNIR-508 | Flinders University | SA | Investigation of dengue virus replication and pathogenesis | | Withdrawn | | |
| DNIR-509 | Griffith University | QLD | The role of host and viral factors in chikungunya virus disease | The applicant aims to genetically modify structural proteins of Chikungunya virus to understand their role in viral infection. | Licence Issued | 22 Dec 2011 | 31 Dec 2021 |
| DNIR-510 | Australian National University | ACT | Recombinant Mucosal Vaccines | | Withdrawn | | |
| DNIR-511 | Queensland Health Forensic and Scientific Services | QLD | Investigation of replication and virulence determinants in Alphaviruses | In this study, the applicant plans to genetically modify proteins implicated in replication and virulence of pathogenic Ross River virus and assay for resulting changes in genotypic or phenotypic traits in vivo. | Licence Issued | 6 Dec 2011 | 31 Dec 2021 |
| DNIR-512 | Deakin University | VIC | Molecular Virology of HIV-1 | The aim of the proposed dealings is to generate replication defective (RD) GM HIV-1 viral particles pseudotyped with envelope proteins of different viruses and use them for in vitro studies to investigate how these GM viruses gain entry into cells. | Surrendered | 21 Dec 2011 | 11 Jan 2018 |
| DNIR-513 | Intervet Australia Pty Ltd | VIC | Innovax ILT - Vaccine Seed Production | | Withdrawn | | |
| DNIR-514 | Queensland University of Technology | QLD | Identification of novel virulence determinants of pathogenic Legionella pneumophila 130b using an avirulent environmental Legionella isolate | The applicant proposes to use GM Legionella to identify and analyse virulence determinants from L. pneumophila. | Surrendered | 3 May 2012 | 23 Dec 2014 |
| DNIR-515 | Queensland University of Technology | QLD | Effect of genetically modified bananas enriched in carotenoids on postprandial carotenoid and vitamin A levels | The applicant proposes to conduct a human nutritional study to determine how efficiently pro-vitamin A is absorbed and converted to vitamin A (retinol) following consumption of genetically modified bananas with elevated levels of pro-vitamin A carotenoids. | Expired | 3 May 2012 | 31 Dec 2014 |
| DNIR-516 | The University of Queensland | QLD | Analysis of developmentally important genes involved in disease | This study aims to use genetically-modified retroviral and lentiviral vectors to identify genes that induce or accelerate tumour formation in the brain. | Expired | 15 Jun 2012 | 19 Jun 2017 |

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|----------|--|-------|--|---|--------------------------|-------------|------------------------|
| DNIR-517 | CSIRO | ACT | Genomic Analysis of the Canonical Case of Virulence Evolution: Myxomatosis in Australia | | Withdrawn | | |
| DNIR-518 | The University of Queensland | QLD | Isolation, expression and characterization of the toxins expressed by the Australian paralysis tick (Ixodes holocyclus). | This study will use GM bacteria and yeast to express putative toxin proteins from the Australian paralysis tick, for the purpose of developing a vaccine against tick bite for companion animals. | Licence Issued | 26 Sep 2012 | 30 Sep 2022 |
| DNIR-519 | The University of Melbourne | VIC | Infection of monkeys with SHIV (HIV / SIV chimera) | In this study, macaque monkeys will be infected with a GM lentivirus to test the effectiveness of experimental vaccines against Human Immunodeficiency Virus. | Licence Issued | 10 Nov 2012 | 14 Nov 2022 |
| DNIR-520 | The University of Melbourne | VIC | Testing of novel replication competent immunomodulatory viruses as vaccine candidates | The applicant proposes to test the efficacy of GM Vaccinia virus and GM Fowlpox virus as vaccine candidates. | Licence Issued | 5 Nov 2012 | 14 Nov 2022 |
| DNIR-521 | University of Canberra | ACT | Generation of recombinant, attenuated Hepatitis D Viruses | | Not issued | | |
| DNIR-522 | Clinical Network Services (CNS) Pty Ltd | QLD | Clinical investigation of NT-501, encapsulated human NTC-201 cell implants releasing Ciliary Neurotrophic Factor (CNTF) | | Withdrawn | | |
| DNIR-523 | Royal Prince Alfred Hospital | NSW | A clinical trial to treat Hemophilia B using AAV-based gene therapy | The applicant is planning to conduct a clinical gene therapy trial using a GM adeno-associated viral vector encoding human Factor IX to treat patients with severe Hemophilia B. | Surrendered | 10 Apr 2013 | 29 May 2017 |
| DNIR-524 | Macfarlane Burnet Institute for Medical Research and Public Health | VIC | Bat retroviruses | The aim of the dealings is to create genetically modified replication defective viral particles to study the properties of endogenous bat beta- and gamma-retroviruses. | Licence Issued | 22 Oct 2013 | 25 Oct 2023 |
| DNIR-525 | The University of Melbourne | VIC | The role of gut-resident T cells in protecting against enteric Listeria infection | In this study, GM Listeria monocytogenes will be used to study the role of gut-resident T cells in protecting against intestinal Listeria infection. | Licence Issued | 26 Apr 2013 | 30 Apr 2023 |
| DNIR-526 | Melbourne Health | VIC | Replication of Hepatitis B virus, duck hepatitis B virus (DHBV) and woodchuck hepatitis B virus and the testing of antiviral agents. | | Withdrawn | | |
| DNIR-527 | The University of Melbourne | VIC | Influenza A virus PB1-F2 protein: A virulence factor and initiator of inflammation | In this study, the applicants will use GM Influenza A virus to study the effect of PB1-F2 on the host response to influenza infection. | Licence Issued | 4 Jun 2013 | 7 Jun 2023 |
| DNIR-528 | Zoetis Australia Research & Manufacturing Pty Ltd | VIC | Evaluation of a cytolysin expressed in Corynebacterium glutamicum | The applicant proposes to evaluate a cytolysin expressed in Corynebacterium glutamicum | Surrendered | 10 May 2013 | 13 Apr 2016 |
| DNIR-529 | University of South Australia | SA | Recombinant Viral Vaccines to Treat and Prevent Cancer, Allergy and Infectious Diseases | The aim of this dealing is to generate GM Vaccinia virus and GM lentiviral vectors and evaluate their efficacy as vaccine candidates against target antigens. | Licence Issued | 28 May 2013 | 30 Sep 2023 |
| DNIR-530 | University of South Australia | SA | Recombinant Viral Vaccines to Treat and Prevent Peanut Allergy | DNIR 529, 530 and 531 applications considered together and issued as one licence - DNIR 529. | Integrated into DNIR-529 | | |
| DNIR-531 | University of South Australia | SA | Recombinant Viral Vaccines to Treat and Prevent Skin Cancer | DNIR 529, 530 and 531 applications considered together and issued as one licence - DNIR 529. | Integrated into DNIR-529 | | |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|---|---|--------------------------|-------------|------------------------|
| DNIR-532 | University of New South Wales | NSW | HCV founder virus evolution: evolution and vaccine targets | The aim of the dealings is to use genetically modified HIV to study the evolution of Hepatitis C Virus (HCV) during infection. | Surrendered | 4 Jul 2013 | 26 Jul 2017 |
| DNIR-533 | University of New South Wales | NSW | HCV founder viruses as vaccine targets: vector LucR-E- | DNIR 532 and 533 applications considered together and issued as one licence - DNIR 532. | Integrated into DNIR-532 | | |
| DNIR-534 | QIMR Berghofer Medical Research Institute | QLD | A Phase 1 study of haploidentical haematopoietic stem cell transplantation with add-back of donor T cells transduced with inducible caspase 9 suicide gene in patients with poor risk haematological malignancies | | Withdrawn | | |
| DNIR-535 | Griffith University | QLD | Investigation of malaria parasite proteins | The aim of the dealings is to use genetically modified Plasmodium species to investigate the function of Plasmodium proteins. | Licence Issued | 26 Aug 2013 | 31 Aug 2023 |
| DNIR-536 | Ascend Biopharmaceuticals Ltd | VIC | Clinical study of the efficacy and safety of intra-tumoural injection of ASN-002 in basal cell carcinoma | The aim of the dealings is to investigate the efficacy and safety of intra-tumoural injection of genetically modified ASN-002 in basal cell carcinoma in a clinical study. | Licence Issued | 29 Oct 2013 | 5 Nov 2023 |
| DNIR-537 | CSIRO | VIC | The molecular basis of the pathogenicity of Newcastle disease in chickens | The aim of the dealings is to generate and use GM ND viruses to study the role of individual ND viral genes, or combinations of genes and determine their role in the pathogenicity of the disease. | Expired | 2 Dec 2013 | 31 Jan 2019 |
| DNIR-538 | University of New South Wales | NSW | HIV Biology | The aim of the dealings is to use GM lentiviruses based on Human immunodeficiency virus (HIV) and Simian immunodeficiency virus to study aspects of HIV biology. | Licence Issued | 4 Jul 2014 | 12 Jul 2024 |
| DNIR-539 | Queensland University of Technology | QLD | Development and use of a banana streak virus-based virus vector to investigate banana-Fusarium interactions | The aim of the dealings is to use genetically modified banana streak virus-based vectors to introduce genetic material related to Fusarium disease development or resistance into banana plants in order to identify key genes in banana-Fusarium interactions. | Licence Issued | 6 Jan 2014 | 6 Jan 2024 |
| DNIR-540 | Flinders University | SA | Mouse model for studies of B cells migration into the eye | The aim of the dealings is use genetically modified lentiviral vectors to study B-cell mediated inflammation in the eye. | Surrendered | 17 Dec 2013 | 5 Aug 2016 |
| DNIR-541 | Advanced Analytical Australia Pty Ltd | NSW | R & D for Norovirus and Hepatitis A. | | Withdrawn | | |
| DNIR-542 | CSIRO | VIC | The molecular determinants of pathogenicity, tissue tropism and transmissibility of influenza A virus. | The aim of the dealings is to generate GM Influenza A viruses for the in vitro and in vivo study of viral genes and their role in disease. | Licence Issued | 30 Jan 2014 | 28 Feb 2024 |
| DNIR-543 | University of New South Wales | NSW | HIV Biology of Latency and Assembly | The aim of the dealing is to use GM RD HIV-1 to study its latency and assembly | Licence Issued | 21 Feb 2014 | 20 Feb 2024 |
| DNIR-544 | Western Sydney Local Health District | NSW | Plasmid ecology and microbial husbandry in the Enterobacteriaceae | | Withdrawn | | |
| DNIR-545 | Australian National University | ACT | Using Aspergillus nidulans as a heterologous host for mining the secondary metabolomes of fungal phytopathogens | | Withdrawn | | |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|--|---|--------------------------|-------------|------------------------|
| DNIR-546 | Macquarie University | NSW | Investigation of the role of glia in the control of blood pressure | The aim of the dealings is generate GM lentiviral vectors encoding the light chain of tetanus toxin to investigate the role of glia in the control of blood pressure. | Expired | 28 May 2014 | 31 May 2019 |
| DNIR-547 | Zoetis Australia Research & Manufacturing Pty Ltd | VIC | Evaluation of toxin expression in Pichia pastoris and Chinese hamster ovary cells (<i>Cricetulus griseus</i>). | Evaluation of toxin expression in Pichia pastoris and Chinese hamster ovary cells (<i>Cricetulus griseus</i>). | Surrendered | 14 Aug 2014 | 13 Apr 2016 |
| DNIR-548 | Zoetis Australia Research & Manufacturing Pty Ltd | VIC | Evaluation of toxin expression in Chinese hamster ovary cells (<i>Cricetulus griseus</i>) | DNIR 547 and 548 applications considered together and issues as one licence - DNIR-547. | Integrated into DNIR-547 | | |
| DNIR-549 | TREIDLIA BIOVET Pty Ltd | NSW | Manufacture of Foot Rot Vaccine for sheep and goats. | The aim of the dealings is to use genetically modified <i>Pseudomonas aeruginosa</i> in the manufacturing of a foot rot vaccine for sheep and goats. | Licence Issued | 12 Sep 2014 | 12 Sep 2024 |
| DNIR-550 | Harry Perkins Institute of Medical Research | WA | Generation of fluorescent lentiviral transduced tumour cell lines | The aim of the dealings is use genetically modified lentiviral vectors to produce fluorescent-labelled tumour cell lines, for use in a range of in vitro and in vivo experiments. | Expired | 2 Oct 2014 | 15 Oct 2019 |
| DNIR-551 | Monash University | VIC | Human Immunodeficiency Virus anti-viral development | The aim of the dealings is use genetically modified HIV, which specifically infects rodents, to investigate the properties of new anti-viral drugs. | Licence Issued | 2 Dec 2014 | 30 Nov 2024 |
| DNIR-552 | Western Sydney University | NSW | Use of N11 murine microglia for drug discovery | The aim of the dealings is to use a GM mouse cell line (N11) that secretes a GM retrovirus to screen plant and fungal extracts for anti-inflammatory compounds. | Licence Issued | 19 Dec 2014 | 19 Dec 2024 |
| DNIR-553 | Australian National University | ACT | Assessing HIV vaccine efficacy | The aim of the dealings is use genetically modified HIV, which specifically infects rodents, to investigate the efficacy of HIV vaccines. | Surrendered | 3 Dec 2014 | 4 Apr 2019 |
| DNIR-554 | QIMR Berghofer Medical Research Institute | QLD | Production and clinical trial of a genetically modified <i>Plasmodium falciparum</i> blood stage vaccine | The aim of the dealings is to assess genetically-modified <i>Plasmodium falciparum</i> for safety, immunogenicity and efficacy as a malaria vaccine in healthy human volunteers. | Licence Issued | 17 Feb 2015 | 17 Feb 2025 |
| DNIR-555 | Griffith University | QLD | New studies on the virulence and physiology of <i>Burkholderia pseudomallei</i> | The aim of the dealings is to study virulence factors in GM <i>B. pseudomallei</i> for the development of a diagnostic assay. | Licence Issued | 11 Jun 2015 | 11 May 2025 |
| DNIR-556 | Monash University | VIC | Factors controlling developmental transitions in the fungus <i>Candida albicans</i> | The aim of the dealings is use genetically modified <i>Candida albicans</i> to identify and characterise factors and mechanisms that enable this organism to produce pathogenic morphological structures. | Licence Issued | 17 Apr 2015 | 17 Apr 2025 |
| DNIR-557 | Monash University | VIC | An investigation of a single intranasal administration of the interferon alpha compound "DEF201" in longtail macaques. | Project aim is to determine the bio distribution and potential toxic effects of GM replication defective adenovirus DEF201 in fascicularis macaques | Expired | 3 Jul 2015 | 3 Jul 2020 |
| DNIR-558 | The University of Melbourne | VIC | Generation of protein for structural studies of membrane-bound pore forming toxins | The aim of this study is to clone and express bacterial pore-forming toxin genes so as to purify the toxin proteins and carry out structural studies. | Licence Issued | 31 Jul 2015 | 4 Aug 2025 |
| DNIR-559 | Amgen Australia Pty Ltd | QLD | Evaluation of the efficacy and safety in the treatment of solid tumours with talimogene laherparepvec | The aim of the dealings is to conduct clinical trials to study safety and efficacy of a GMO in the treatment of different types of solid tumours. | Licence Issued | 4 Nov 2015 | 4 Nov 2025 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|---|---|----------------|-------------|------------------------|
| DNIR-560 | RMIT University | VIC | Generation of recombinant toxin molecules | A project using chimeras of naturally occurring proteins for potential therapeutic use. | Licence Issued | 9 Dec 2015 | 10 Dec 2020 |
| DNIR-561 | Griffith University | QLD | Development of an Alphaviral vector to deliver bioactive factors to bone. Potential use to treat diseases resulting in severe reduction of bone density | The aim of the dealings is to develop a GM Ross River Virus and conduct in vitro and in vivo experiments to investigate its potential as a vector delivering bioactive factors to bone tissue and potentially treat bone or joint diseases. | Licence Issued | 21 Dec 2015 | 22 Dec 2025 |
| DNIR-562 | Centenary Institute of Cancer Medicine and Cell Biology | NSW | Molecular changes and therapies for Hepatitis B virus infection | | Withdrawn | | |
| DNIR-563 | Curtin University | WA | Expression of genes from plant pathogenic fungi into a model fungus, <i>Parastagonospora nodorum</i> . | The applicant proposes to use GM <i>P. nodorum</i> in in vitro and in vivo experiments to develop an understanding of fungal pathogenicity and fungicide resistance. | Licence Issued | 24 Jun 2016 | 24 Jun 2021 |
| DNIR-564 | CMAX Clinical Research Pty Ltd | SA | Phase I/IIa Study of DVC1-0101 in subjects with intermittent claudication secondary to peripheral artery disease | The Phase I/IIa clinical trial would assess the safety and tolerability of genetically modified (GM) Sendai virus as a therapeutic agent to stimulate the growth of new blood vessels in individuals who experience limb pain as a result of peripheral artery disease. | Licence Issued | 29 Apr 2016 | 30 Apr 2021 |
| DNIR-565 | Baker Heart & Diabetes Institute | VIC | Using adeno-associated virus vectors to study striated musculature and related tissues in vitro and in vivo | To use GM AAV to study changes in striated musculature when exposed to single cytokines, to aid in development of treatment for muscle wasting caused by disease or injury. | Surrendered | 21 Jul 2016 | 19 Jul 2019 |
| DNIR-566 | Monash University | VIC | Biochemical Studies of Cholesterol Dependent Cytolysin Proteins | The aim of this study is to clone and express bacterial pore-forming toxin genes so as to purify the toxin proteins and analysed in vitro using imaging and biophysical techniques. | Licence Issued | 5 Aug 2016 | 5 Aug 2021 |
| DNIR-567 | Luina Bio Pty Ltd | QLD | Expression of PRS060 protein by recombinant <i>Corynebacterium glutamicum</i> | Use GM <i>C. glutamicum</i> to overexpress a genetically modified Anticalin protein (PRS060) on a large scale for the purposes of manufacturing a human therapeutic product | Licence Issued | 1 Sep 2016 | 1 Sep 2021 |
| DNIR-568 | Queensland University of Technology | QLD | Development and use of a Cucumber mosaic virus-based vector to investigate banana-Fusarium interactions | The aim of the dealings is to use a genetically modified Cucumber mosaic virus vector to identify key genes related to virulence or resistance in Fusarium wilt disease of banana. | Licence Issued | 29 Sep 2016 | 30 Sep 2021 |
| DNIR-569 | Pfizer Australia Pty Ltd | NSW | Gene therapy, Open-Label, Dose-escalation study of SPK-9001 (adeno-associated viral vector with human factor IX gene) in subjects with hemophilia B | This trial aims to assess the safety and tolerability of gene therapy treatment using a genetically modified adeno-associated viral vector encoding human Factor IX in patients with severe Hemophilia B | Licence Issued | 8 Sep 2016 | 9 Sep 2021 |
| DNIR-570 | CSIRO | VIC | Characterisation of the Molecular Determinants of Host Responses and Pathogenicity of Filoviruses | Viral genes of family Filoviridae viruses will be examined to determine their role in pathogenesis, host responses, host range, and cross-species transmission. | Licence Issued | 1 Mar 2017 | 1 Mar 2022 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|--|--|----------------|-------------|------------------------|
| DNIR-571 | Women's and Children's Health Network Incorporated | SA | Phase I/II gene transfer clinical trial of scAAV9.U1a.hSGSH for Mucopolysaccharidosis (MPS) IIIA | This clinical trial aims to assess the safety and efficacy of gene therapy using a genetically modified adeno-associated viral vector encoding human sulfoglucosamine sulfohydrolase (SGSH) in paediatric patients with mucopolysaccharidosis type IIIA (MPS IIIA) | Licence Issued | 14 Mar 2017 | 14 Mar 2022 |
| DNIR-572 | The Walter and Eliza Hall Institute of Medical Research | VIC | Analyses of gut and systemic infection with recombinant listeria | GM L. monocytogenes will be used to study the ability of gut-resident T cells to protect against intestinal Listeria infection. | Licence Issued | 13 Apr 2017 | 13 Apr 2022 |
| DNIR-573 | The University of Melbourne | VIC | Molecular Biology of retroviral Replication, Pathogenesis and Productive Infection | To study molecular mechanisms regulating viral gene expression and function, to better understand molecular aspects of viral replication and latency for development of therapeutics. | Licence Issued | 23 May 2017 | 23 May 2022 |
| DNIR-574 | The University of Melbourne | VIC | Examination of HIV Latent Infection | | Withdrawn | | |
| DNIR-575 | The University of Sydney | NSW | Fine tuning transplantation tolerance with co-stimulatory molecules | To study immunological tolerance of transplanted organs in mice, using GM AAV as a vector to express proteins that may enhance or block tissue acceptance in the liver of transplant recipients. | Licence Issued | 27 Jun 2017 | 27 Jun 2022 |
| DNIR-576 | James Cook University | QLD | New strategies for improved tuberculosis vaccines | GM Mycobacterium bovis BCG strains will be used to express known immunogens and virulence factors of Mycobacterium tuberculosis to develop improved tuberculosis vaccine strains and test vaccination regimens in an animal model of human tuberculosis. | Licence Issued | 3 Nov 2017 | 3 Nov 2022 |
| DNIR-577 | PSI CRO Australia Pty Ltd | NSW | Gene-transfer, open-label, dose-escalation study of SPK-8011 [adeno-associated viral vector with B-domain deleted human factor VIII gene] in individuals with hemophilia A | This clinical trial aims to assess the safety, tolerability and efficacy of gene therapy treatment using a genetically-modified (GM) adeno-associated viral vector (AAV) encoding activated human factor VIII in adult patients with severe Haemophilia A. | Licence Issued | 17 Nov 2017 | 17 Nov 2022 |
| DNIR-578 | University of South Australia | SA | A recombinant viral vaccine vector platform to produce polyclonal antibodies in milk and egg. | To study the efficacy and safety of a GM viral vaccine vector to produce polyclonal antibodies in milk and eggs | Licence Issued | 20 Dec 2017 | 20 Dec 2022 |
| DNIR-579 | Griffith University | QLD | Investigating the mode of action of novel drug leads against Giardia duodenalis | GM Giardia duodenalis will be used to study the mode of action of novel anti-Giardia drug candidates and the role of specific G. duodenalis proteins in mediating their effect. | Licence Issued | 13 Dec 2017 | 13 Dec 2022 |
| DNIR-580 | Clinical Network Services (CNS) Pty Ltd | QLD | MVA-NP+M1: a new Influenza vaccine for use in human clinical trials | To assess the safety, tolerability, and efficacy of GM Vaccinia virus (MVA strain) in the prevention of influenza A | Licence Issued | 23 Jan 2018 | 23 Jan 2023 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|--|--|----------------|-------------|------------------------|
| DNIR-581 | Murdoch Childrens Research Institute | VIC | Cardiac regeneration | This study aims to investigate the function of various genes and signalling pathways involved in heart development and regeneration. This project will test whether selected genes implicated in heart development are sufficient to promote cardiac regeneration in adult mice in vivo. | Licence Issued | 13 Apr 2018 | 13 Apr 2023 |
| DNIR-582 | Monash University | VIC | Genetic manipulation of cells by viral transduction using in vivo models | This study aims to study the growth, spread and treatment response of melanoma. The project will investigate the effect of silencing genes involved in cell growth or differentiation on the development of human melanoma tumours transplanted into mice. | Licence Issued | 10 May 2018 | 10 May 2023 |
| DNIR-583 | Novotech (Australia) Pty Limited | QLD | Phase 3 Study of ADXS11-001 Administered Following Chemoradiation as Adjuvant Treatment for high risk Locally Advanced Cervical Cancer: AIM2CERV. | The study drug, ADXS11-001 is a genetically modified Listeria monocytogenes encoding human papillomavirus antigen. The clinical trial aims to treat subjects with high risk locally advanced cervical cancer following chemotherapy and radiotherapy. | Surrendered | 16 May 2018 | 25 Nov 2019 |
| DNIR-584 | CSIRO | VIC | Large-scale fermentation of SCV vaccines. | To test and optimise the fermentation conditions, and to manufacture large-scale (> 25 L) volumes of GM Vaccinia virus vaccines. | Licence Issued | 1 Jun 2018 | 13 Oct 2025 |
| DNIR-585 | Clinical Network Services (CNS) Pty Ltd | QLD | Clinical Trial of an oncolytic vaccine for the treatment of cancers caused by the human papilloma virus (HPV) | The proposed clinical trial will investigate the safety, tolerability and efficacy of a two-component 'oncolytic vaccine' for the treatment of human cancers caused by high-risk Human Papilloma Virus (HPV). | Licence Issued | 23 Oct 2018 | 23 Oct 2023 |
| DNIR-586 | The Children's Hospital at Westmead | NSW | A global study of a single one-time dose of AVXS-101 delivered to infants with genetically diagnosed and pre-symptomatic Spinal Muscular Atrophy with multiple copies of SMN2. | To use a recombinant AAV encoding the human survival motor neuron 1 (SMN1) gene to treat infants with Spinal Muscular Atrophy (SMA) before development of irreversible injury due to motor neuron loss | Licence Issued | 3 Aug 2018 | 3 Aug 2023 |
| DNIR-587 | GlaxoSmithKline Australia Pty Ltd | QLD | Clinical Trials with Respiratory Syncytial Virus (RSV) Investigational Vaccine ChAd155-RSV | To investigate the safety, tolerability and efficacy of a recombinant ChAd155-RSV as a prophylactic vaccine for prevention of RSV lower respiratory tract infections in infants. | Licence Issued | 25 Sep 2018 | 25 Sep 2023 |
| DNIR-588 | Janssen-Cilag Pty Ltd | QLD | Recombinant Respiratory Syncytial Viral Vaccine (Ad26.RSV.preF) for Clinical Studies | To assess the safety and tolerability a prophylactic RSV vaccine | Licence Issued | 19 Nov 2018 | 19 Nov 2023 |
| DNIR-589 | The University of Melbourne | VIC | Using adeno-associated viral vectors to study striated musculature and related tissues in vitro and in vivo | To use GM AAV to study changes in striated musculature when exposed to single cytokines, to aid in development of treatment for muscle wasting caused by disease or injury | Licence Issued | 30 Nov 2018 | 3 Dec 2023 |
| DNIR-590 | Queensland University of Technology | QLD | Development and use of Banana streak virus-based vectors to investigate banana-Fusarium interactions | | Withdrawn | | |
| DNIR-591 | QIMR Berghofer Medical Research Institute | QLD | Virus-mediated approaches to examine cardiovascular disease in vitro and in vivo | This study aims to determine the role of genes in the regulation of cardiac regeneration and disease by over expressing the genes in mice using adenovirus and adeno-associated virus vectors. | Licence Issued | 16 Jan 2019 | 16 Jan 2024 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|--|---|----------------|-------------|------------------------|
| DNIR-592 | Clinical Network Services (CNS) Pty Ltd | QLD | An Oncolytic Immunotherapy Product for use in Clinical Trials | To study the safety and efficacy of the GM HSV-1 in the treatment of different solid tumour types, in combination with an anti-cancer drug | Licence Issued | 23 Jan 2019 | 23 Jan 2024 |
| DNIR-593 | Hudson Institute of Medical Research | VIC | Endometrial MSC as a cell-based therapy for pelvic organ prolapse (POP) in an ovine model | This application aim to use a replication-defective (RD) lentivirus, encoding the fluorescent protein mCherry, to evaluate the use of endometrial mesenchymal stem cells (eMSC) in a cell-based therapy for Pelvic Organ Prolapse (POP). | Licence Issued | 25 Mar 2019 | 25 Mar 2024 |
| DNIR-594 | Merck Sharp & Dohme (Australia) Pty Ltd | QLD | A cytomegalovirus prophylactic vaccine (V160) for use in clinical trials | The GMO V160 is a conditionally replication defective cytomegalovirus (CMV) designed as a vaccine for prevention of CMV infection. The intended clinical programme is to evaluate its efficacy in prevention of CMV infection in adults and children. | Licence Issued | 1 Apr 2019 | 1 Apr 2024 |
| DNIR-595 | Inghams Group Limited | NSW | US corn importation for Inghams to produce poultry feed | The applicant intends to import US corn, which is expected to contain GM grain, into Australia for processing to produce poultry feed. | Licence Issued | 23 May 2019 | 23 May 2024 |
| DNIR-596 | Ridley Corporation Limited | VIC | US corn importation for Ridley to produce stockfeed | The applicant intends to import US corn that may contain GM seed, into Australia for processing into stockfeed. | Licence Issued | 31 May 2019 | 31 May 2024 |
| DNIR-597 | Australian National University | ACT | Viral mediated approaches to examine cell growth and proliferation | | Withdrawn | | |
| DNIR-598 | PPD Australia Pty Ltd | SA | A Phase 1, double blind, randomized, placebo-controlled study to evaluate the safety and immunogenicity of Dengusil in healthy adults | The proposed clinical trial will evaluate the safety of the GMOs when administered to healthy adults. Secondary objectives are to measure the immune response and viraemia induced by the GMOs. | Licence Issued | 12 Aug 2019 | 13 Aug 2024 |
| DNIR-599 | Medpace Australia Pty Ltd | QLD | A Phase 3, Open-Label, Randomized, Parallel Group Study to Evaluate the Efficacy and Safety of Intrapleural Administration of Adenovirus-Delivered Interferon Alpha-2b (rAd-IFN) in Combination with Celecoxib and Gemcitabine in Patients with Malignant Pleural Mesothelioma | To study the safety and efficacy of the GMO in the treatment of malignant pleural mesothelioma, in combination with an anti-cancer drug. | Licence Issued | 1 Aug 2019 | 1 Aug 2024 |
| DNIR-600 | BioMarin Pharmaceutical Australia Pty Ltd | SA | Studies to evaluate the efficacy and safety of BMN 270, an Adeno-Associated Virus vector-mediated gene transfer of human factor VIII in haemophilia A patients | To assess the efficacy and safety of gene therapy treatment using a GM AAV vector encoding activated human factor VIII in adult patients with severe Haemophilia A. | Licence Issued | 28 Aug 2019 | 28 Aug 2024 |
| DNIR-601 | IQVIA RDS Pty Ltd | QLD | BacTRL-IL-12 Phase 1 Trial in Humans with Various Cancers | To evaluate the safety of bacTRL-IL-12, delivered as a single infusion in adults with advanced solid tumours. Secondary objectives are to evaluate the effect of the GMO on tumour size, duration and overall survival rates following infusion and the possible relationship between glycemic exposure with tumoral colonisation and efficacy. | Licence Issued | 6 Sep 2019 | 6 Sep 2024 |
| DNIR-602 | TheraVir Pty Ltd | VIC | A clinical trial with a herpes simplex virus GMO (T3011) in patients with solid tumours. | To study the safety and tolerability of the GMO administered into tumours of cancer patients | Licence Issued | 26 Sep 2019 | 26 Sep 2022 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|---|-------|---|--|----------------|-------------|------------------------|
| DNIR-603 | Monash University | VIC | Limiting EAE through transplantation of HSCs | To use a genetically modified (GM) replication-defective lentivirus to express a therapeutic fusion protein, NgR(310)ecto-myc-Fc, in murine haematopoietic stem cells (HSCs). The modified HSCs (free of virus) will be subsequently used to study the therapeutic benefits of NgR(310)ecto-myc-Fc in a mouse model of progressive multiple sclerosis | Licence Issued | 21 Oct 2019 | 21 Oct 2024 |
| DNIR-604 | Clinical Network Services (CNS) Pty Ltd | QLD | An Immune Stimulating Oncolytic HSV-1 for use in Clinical Trials in Patients with Solid Tumours (VG161) | Clinical trial to study the safety and tolerability use of a genetically modified Herpes Simplex Virus 1 (HSV-1), namely VG161, to treat advanced malignant solid tumours. | Licence Issued | 22 Oct 2019 | 22 Oct 2024 |
| DNIR-605 | Clinical Network Services (CNS) Pty Ltd | QLD | Clinical evaluation of GT005 in patients with age-related macular degeneration | Clinical evaluation of GT005 in patients with age-related macular degeneration | Licence Issued | 8 Jan 2020 | 8 Jan 2025 |
| DNIR-606 | Peter MacCallum Cancer Centre | VIC | Clinical Study GO-004: An International Phase 1/2 Study of GRT-C901/GRT-R902, a Neoantigen Cancer Vaccine, in Combination with Immune Checkpoint Blockade for Patients with Advanced Solid Tumors | The purpose of this study is to evaluate the safety, dose, immunogenicity and early clinical activity of GRT-C901 and GRT-R902, a personalized neoantigen cancer vaccine, in combination with immune checkpoint blockade in patients with advanced solid tumours. | Licence Issued | 15 Jan 2020 | 15 Jan 2025 |
| DNIR-607 | Merck Sharp & Dohme (Australia) Pty Ltd | QLD | An oncolytic viral therapy V938 in combination with Pembrolizumab (MK-3475) for use in clinical trials. | | Re-categorised | | |
| DNIR-608 | Clinical Network Services (CNS) Pty Ltd | QLD | Clinical trials with a prophylactic influenza A/H3N2 live, M2-deleted, intranasal vaccine (H3N2 M2SR) (with CCI) | | Re-categorised | | |
| DNIR-609 | Clinical Network Services (CNS) Pty Ltd | QLD | Clinical Trials with Hepatitis Treatment Vaccine (VTP-300) | Clinical trial to study the safety, tolerability and immunogenicity of genetically modified Chimpanzee adenovirus (ChAdOx1-HBV) and vaccinia virus (MVA-HBV), namely VTP-300, to treat patients with chronic hepatitis B infection. | Licence Issued | 24 Feb 2020 | 24 Feb 2025 |
| DNIR-610 | Clinical Network Services (CNS) Pty Ltd | QLD | Clinical Trials with Zika Chikungunya Vaccine (SCV1002) | A Phase I, open label, single centre, single dose escalation study to investigate the safety, tolerability and immunogenicity of intra-muscular administration of SCV1002 in adult healthy volunteers. | Licence Issued | 2 Mar 2020 | 2 Mar 2025 |
| DNIR-611 | Monash University | VIC | Understanding how Helicobacter pylori causes disease | The aim of this licence application is to examine the role of virulence factors from cancer-associated Helicobacter pylori in causing the disease. The genetically modified (GM) H. pylori strains with and without introduced mutations in the virulence factors will be used for in vitro (cell lines and primary cells) and in vivo (mice) studies. | Licence Issued | 11 Mar 2020 | 11 Mar 2025 |
| DNIR-612 | University of New South Wales | NSW | Identification of protective anti-HCV antibodies in subjects that clear infection to inform vaccine design | To generate cell culture derived hepatitis C virus (HCV) variants with different patient-derived viral envelopes. A secondary aim is to characterise the infectivity and susceptibility to neutralisation by patient antibodies for each variant, and to study the fate of the virus in blood mononuclear cells and hepatocytes. | Licence Issued | 8 May 2020 | 8 May 2025 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--|-------|--|--|----------------|-------------|------------------------|
| DNIR-613 | The University of Queensland | QLD | Antibiotic resistance gene transfer in bacteria from water sludge | To investigate horizontal transfer of antibiotic resistance genes in environmental samples | Licence Issued | 28 May 2020 | 28 May 2025 |
| DNIR-614 | QIMR Berghofer Medical Research Institute | QLD | Manufacture and characterisation of a P. falciparum NF54 Inducible Gametocyte Producer (NF54/iGP3) Master Cell Bank for use in Phase I Clinical Trials utilising the Induced Blood Stage Malaria Infection Model | The aim of this licence application is to produce a good manufacturing practice (GMP) grade master cell bank of a genetically modified (GM) Plasmodium parasite, P. falciparum NF54/iGP3 Clone 3, which produces high numbers of gametocytes in vivo in the presence of the antibiotic, trimethoprim and to assess its safety and infectivity in pre-clinical studies. | Licence Issued | 18 May 2020 | 18 May 2025 |
| DNIR-615 | Novartis Pharmaceuticals Australia Pty Limited | QLD | Supply of Luxturna (voretigene neparovec) for the treatment of patients. | To supply Luxturna to patients suffering from bi-allelic RPE65 mutations | Licence Issued | 26 May 2020 | |
| DNIR-616 | The University of Queensland | QLD | Understanding influenza virus pathogenesis | To identify the role of specific mutations in Influenza A virus that increase disease severity | Licence Issued | 11 Jun 2020 | 11 Jun 2025 |
| DNIR-617 | Griffith University | QLD | GM HIV that are more infectious than wild type HIV | To assess infectiousness of GM HIV. | Licence Issued | 9 Jun 2020 | 9 Jun 2025 |
| DNIR-618 | CSIRO | QLD | Genetic control strategies for plant pathogenic fungi | To determine if new genetic technologies, namely gene drives, can be used to control plant pathogenic fungi | Licence Issued | 16 Jul 2020 | 16 Jul 2025 |
| DNIR-619 | Clinical Network Services (CNS) Pty Ltd | QLD | CodaVax-H1N1, a live-attenuated vaccine for the use in clinical trials for breast cancer | Treatment of breast cancer with a codon-optimised live attenuated genetically modified influenza virus | Licence Issued | 28 Jul 2020 | 28 Jul 2025 |
| DNIR-620 | The Children's Hospital at Westmead | NSW | Therapeutic treatment of paediatric patient with cystic fibrosis and Mycobacterium abscessus pulmonary disease | This licence is for the treatment of non-tuberculous Mycobacteria infection (NTM) with a cocktail of naturally occurring and a GM bacteriophage | Licence Issued | 22 Apr 2020 | 22 Apr 2025 |
| DNIR-621 | Novartis Pharmaceuticals Australia Pty Limited | QLD | Supply of Zolgensma (Onasemnogene abeparovec) for the treatment of patients with spinal muscular atrophy (SMA) | | Licence Issued | 24 Aug 2020 | |
| DNIR-622 | Accelagen Pty Ltd | VIC | rBCG Vaccine to reduce incidence and severity of COVID-19 infection in high risk groups | rBCG Vaccine to reduce incidence and severity of COVID-19 infection in high risk groups such as Health care workers and people over 65 with co-morbidity | Licence Issued | 9 Jun 2020 | 9 Jun 2022 |
| DNIR-623 | PPD Australia Pty Ltd | | A Phase 1/2 Ascending Dose Study to Evaluate the Safety and Effects on Progranulin Levels of PR006 in Patients with Frontotemporal Dementia with Progranulin Mutations (FTD-GRN) | This trial aims to assess the safety and efficacy of gene therapy treatment using a genetically-modified adeno-associated viral vector encoding human progranulin in patients with frontotemporal dementia. | Licence Issued | 21 Sep 2020 | 21 Sep 2025 |
| DNIR-624 | Pfizer Australia Pty Ltd | NSW | A clinical trial to evaluate the efficacy and safety of PF-07055480 in adult male participants with moderately severe to severe haemophilia A | Phase III clinical trial with replication deficient GM AAV carrying human factor VIII to treat haemophilia patients | Licence Issued | 7 Oct 2020 | 8 Oct 2025 |
| DNIR-625 | BioMarin Pharmaceutical Australia Pty Ltd | QLD | Clinical trial to determine the safety and efficacy of BMN 307, an Adeno-associated virus vector-mediated gene transfer of human phenylalanine hydroxylase in patients with phenylketonuria | To assess the efficacy, safety and tolerability of a single injection of BMN 307, a gene therapy treatment using GM AAV encoding human phenylalanine hydroxylase to reduce plasma Phe in phenylketonurics with baseline plasma Phe > 600 µmol/L. | Licence Issued | 17 Sep 2020 | 17 Sep 2025 |
| DNIR-626 | Novotech (Australia) Pty Limited | QLD | Clinical Trials with a SARS-CoV-2 oral vaccine (bacTRL-Spike) | Clinical Trials with a SARS-CoV-2 oral vaccine (bacTRL-Spike) | Licence Issued | 10 Aug 2020 | 10 Aug 2025 |

| OGTR ID | Organisation | State | Project Title | Project Description | Status | Date Issued | Expiry/ Surrender Date |
|----------|--|-------|--|---|----------------|-------------|------------------------|
| DNIR-627 | South Australian Health and Medical Research Institute | SA | Generating mouse models with altered inheritance and sex bias | The aim of this licence application is to develop a genetic method to control invasive pest mice by spreading mutations that cause infertility, embryonic death or bias the sex of offspring. | Licence Issued | 25 Sep 2020 | 25 Sep 2025 |
| DNIR-628 | The University of Melbourne | VIC | Identification of molecular factors that influence reassortment and pandemic potential of highly pathogenic avian influenza H5 viruses | Identify gene segments, critical regions within gene segments, and functional interactions of gene products that influence reassortment in HPAI H5 viruses | Licence Issued | 30 Sep 2020 | 30 Sep 2025 |