



ANIMAL RESEARCH PLATFORM

The Monash Animal Research Platform provides animal research facilities and laboratory animal and large animal research support services across the Clayton and Parkville campuses as well as at the Gippsland Field Station. MARP supports approved research projects through the high-quality supply and care of laboratory animals, specialised rodent reproductive services and through the provision of advanced technical and veterinary services across a range of species. The platform excels in delivering quality research support and is committed to maintaining the health and welfare of animals under its care.

EXPERTISE

- Rodent supply, agistment and customised breeding programs
- Rodent reproductive services including embryo re-derivation, cryopreservation and reanimation.
- Access to surgical facilities, imaging and diagnostic equipment and services.
- Specialised veterinary services and surgical support.
- Supply of animal blood products from various animal species.
- Import and export services.
- Supply, agistment, technical and surgical assistance in other species including sheep, rabbits and guinea pigs.

KEY INSTRUMENTATION

- Biosafety hoods
- Laminar flow hoods
- Fume hoods
- Irradiator
- Anaesthetic machine

WORKING WITH US

- Fee for service

SPECIALIST SERVICES

Our platform facilities supply and maintains a wide range of animal models including rodents, sheep, non-human primates as well as other species. Specialist equipment and facilities include a digital X-ray, surgeries and an irradiation suite.

MARP Rodent Reproduction Unit (MRRU)

- The MRRU generates new genetically modified mice or rat lines either through the ES cell to mouse process or via CRISPR in collaboration with Phenomics Australia. MRRU also conducts sperm cryopreservation and reanimation projects in collaboration with Phenomics Australia.
- MRRU independently offers a wide range of rodent reproduction and GM services including embryo transfer, pronuclear or blastocyst microinjection techniques, sperm, embryo and ovary cryopreservation and reanimation services such as IVF.

National Non-Human Primate Breeding and Research Facility (NNHPBRF)

- The National Non-Human Primate Breeding and Research Facility maintains breeding colonies of marmosets and macaques for research use in Australia. The facility provides animals, care and technical support.

Importing and exporting animals

- Importing and exporting animals into and out of Australia can be stressful and can include a lot of administrative paperwork. Our experienced staff process hundreds of imports every year and can manage this process for you including the receipt of animals into our quarantine-approved premises.

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