



ANIMAL RESEARCH PLATFORM

The Monash Animal Research Platform provides laboratory animal services from several facilities 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 exceeds the standards specified in the relevant Codes of Practice and industry regulations. 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 and antibody production from various animal species
- Rodent import and export services in AQIS accredited facilities
- Supply, agistment, technical and surgical assistance in other species including sheep, mini-pigs, rabbits and guinea pigs.

KEY INSTRUMENTATION

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

WORKING WITH US

- Fee for service
- Consultancies
- Collaborative research

SPECIALIST SERVICES

Our platform facilities supply and maintain a wide range of animal models including rodents, sheep, mini-pigs, 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 lines through the ES cell to mouse process in collaboration with the Australian Phenomics Network. MRRU also conducts sperm cryopreservation and reanimation projects in collaboration with the Australian Phenome Bank.
- MRRU independently offers a wide range of rodent reproduction and GM services including embryo transfer, ES cell, ICSI and pronuclear microinjection techniques, sperm and embryo cryopreservation and IVF.

National non-human primate breeding and research facility

- The national non-human primate Breeding and Research Facility is managed by MARP. This centre was established through NHMRC support, to breed 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 receipt of animals into our quarantine approved premises.

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