

**For more information
about our services,
please contact**

WSU Transgenic Mouse Core
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transgenic.html



**Center for
Reproductive Biology**

**Transgenic Mouse Core
Cryopreservation and
Rederivation Service**

WASHINGTON STATE
 UNIVERSITY
World Class. Face to Face.



Cryopreservation and Implantation of Mouse Embryos

Fertilized pre-implantation stage mouse embryos can be effectively frozen in liquid nitrogen, thawed, and implanted into pseudopregnant recipient females in order to rederive a transgenic mouse line.

Alternatively, pre-implantation embryos can be harvested, “washed,” and reimplanted into pseudopregnant recipient females to reproduce a valuable mouse line.



Outline of Services

- Utilization of these techniques provides “insurance” in case of animal loss due to breeding failure, pathogens, or natural disasters.
- Helps reduce cage costs when mice are no longer needed for experimental purposes.
- Reduces demand for limited animal housing space.
- Shipment of cryopreserved embryos simplifies importation of animals and avoids expensive, lengthy quarantines.
- Eliminates viral, bacterial, and parasitic infections in valuable mouse colonies.



Cost of Services

Cryopreservation and rederivation services are charged on a per-session basis. A combination cryopreservation/rederivation session is offered at a discounted rate. A considerable discount on services is offered to CRB members.

<u>Non-CRB Cost</u>	<u>CRB Member Cost</u>
Full Service Cryopreservation	
\$775	\$385
Rederivation From Frozen Stock	
\$750	\$375
Straight Rederivation	
\$1,100	\$550
Rederivation and Cryopreservation	
\$1,450	\$725

