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WSU Animal Production Core

Supporting generation and preservation of gene-edited animal models

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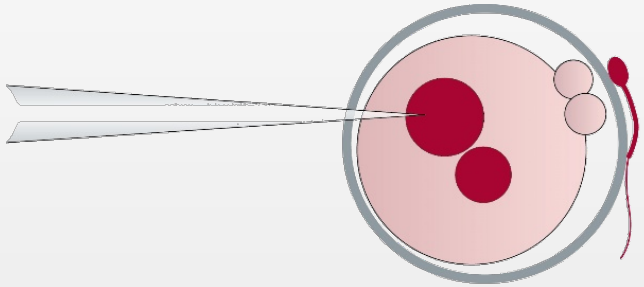


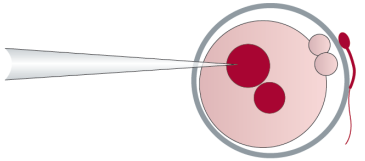
Animal Production Core
WASHINGTON STATE UNIVERSITY
Helping bring genetic research to life.

Center for
Reproductive Biology
WASHINGTON STATE UNIVERSITY
UNIVERSITY OF IDAHO

Gene-Edited Animal Research Models

- Collaborate with GERC for start-to-finish mouse model generation
  - Strategy and reagents from GERC
  - Microinject 1 or 2-cell embryos
  - Screen cultured embryos, followed by embryo transfer
  - Expected timeline varies with complexity, but can be <6 months

- Equipment for embryo handling & culture
  - Micromanipulators, microinjector, live imaging capabilities, capillary puller, stereomicroscope workstations with heated bench and laminar flow workstations



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Gene Editing Reagent Core
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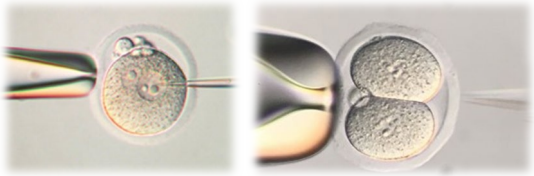
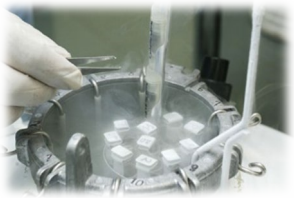
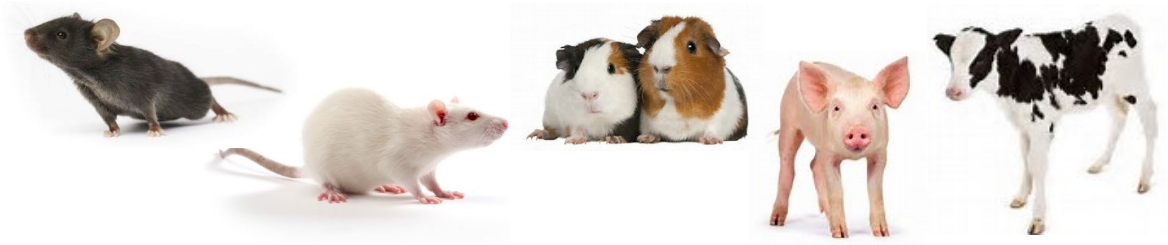
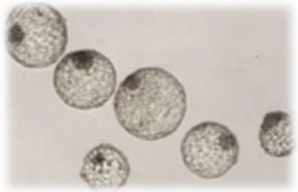


We're here to support your research!

- Additional services to support animal research
  - Embryo & sperm cryopreservation / recovery
  - Rederivation to eliminate pathogen infections
  - Traditional transgenic and KO generation
  - Customizable services—expertise in IVF, embryo collection / culture / transfer, micromanipulation, and other reproductive biology techniques




- Mainly mice, but interested in expanding

Questions or more info: m.bernhardt@wsu.edu
www.crb.wsu.edu/core-laboratories

We're happy to take on non-WSU projects!

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