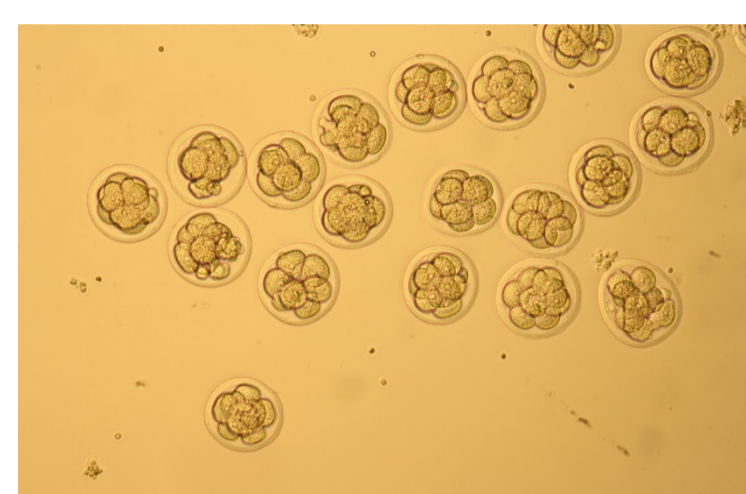


# ARCHIVING and DISTRIBUTION

The cryopreservation facility service provides a reliable way to conserve strains in the form of embryos and sperm in order to guarantee their persistence for the inventor and the scientific community as a whole. Because no single method is adequate for all the various strains of mice, we offer several methods for banking, including inbred, transgenic and knock-out strains. Our expertise ensures **breeding costs reduction as well as easy and fast access to your archive for distribution**. We also play a key role in the **INFRAFRONTIER program** dedicated to cryopreservation of the **EMMA's lines**, providing mice models to the international scientific community.

## EMBRYOS ARCHIVING



2 cell embryos and morula

- Slow freezing method
- QC *in vivo*
- Freezing from 2 cells to blastocysts
- Natural breeding or *in vitro* fertilization
- High scientific and technical output

140 strains / year



### Deliverables

200-250 frozen embryos / strain

## SPERM ARCHIVING



- Fast freezing method
- QC *in vitro*
- QC *in vivo* (embryos transfer into pseudo-pregnant female)

## STORAGE



- Archives duplicated in two alarmed and independent sites to ensure the security of your strain backup
- Computerized Archive Management System
- **Revitalization service to restore strains** as living mice from your backup

150 strains / year



### Deliverables

At least 2 couples

6,000 strains / 150,000 straws  
More than 1,300 mouse strains archived

We provide researchers with high expertise in preservation and revitalization techniques to backup / restore your strains in best conditions.

## DISTRIBUTION OF MURINE MODELS



- Worldwide distribution
- Various types of containers and conditions for shipment
- Expertise in shipment using dry shipper



Dry shipper



[All mouse strains and lines provided by PHENOMIN are available on the web site www.PHENOMIN.fr.](http://www.PHENOMIN.fr)



The European Mutant Mouse Archive (EMMA) welcomes submission of mutant mouse strains from all over the world, archives free of charge and facilitates global distribution. [Deposit mice into the EMMA repository](#)