

# Contract breeding services

## Maintain research continuity

- Trusted, planned cohort supply
- Strong confidence in biosecurity practices
- Fully integrated service solutions
- Highly personalized and flexible service
- Active project management and personalized communication



# Trusted, tailor-made contract breeding and support services to meet the challenge of research model supply

Specialist models are at the heart of today's most exciting drug research projects. However, the fragile nature of such models makes them difficult to breed, vulnerable to pathogen outbreak and expensive.

Inotiv is trusted by facility managers to actively manage their colonies to deliver tailor-made contract breeding and support services. At the core of this capability are modern, high availability isolators and the trained, experienced operators needed to consistently breed quality research cohorts.

To achieve this, our contract breeding services will:

- Predict cohort requirements to maintain research schedules while avoiding over production
- Breed, age and condition the right quantity of models in time to maintain research priorities
- Retain highly skilled employees and maintain facilities for breeding and research on vulnerable models
- Ensure new models do not introduce pathogens to research facilities
- Incorporate on-going health and genetic monitoring programs to control contaminations
- Periodically revitalize colonies to maintain research consistency
- Remain abreast of relevant regulations

For nearly 90 years, Inotiv has been breeding models to support our customers' research programs. Over that time, we have developed **specialist models, research-specific diets, integrated service solutions, breeding know-how, health and genetic monitoring capabilities, tried and trusted procedures, and a deep understanding of the regulatory environment** throughout the world.

# Maintain research continuity

Tailor made support services to keep your research on track.



## Contract breeding cohort supply

Ensure planned, regular supply batches of models bred, pre-conditioned and delivered to your facilities. Add-on from our integrated service spectrum to improve welfare and research efficiency.



## Health status verification

Verify and maintain the health of your colonies with our in-house full spectrum health monitoring program. All of our standard and contract bred models are guaranteed to be specific pathogen free.



## Cryopreservation

Reduce the risk of losing a valuable cohort through genetic or pathogen contamination or catastrophe, and eliminate needless breeding through cryopreservation.



## Rederivation and revitalization

Bring cohorts back to their ideal state in the shortest time possible or completely refresh colonies from cryopreserved material.



## Quarantine

Prevent the risk of introducing pathogens to your facility by utilizing Inotiv's isolators to quarantine, test, revitalize or redereive the models you need from other facilities with an unknown health status.



## Surgical Services

Access to highly skilled surgical teams combined with expert solutions and a first-in-class surgical model tracking system.



## Genotyping, preconditioning, and aging

Leverage Inotiv's expertise in breeding to deliver pre-determined cohorts of known-sex, confirmed phenotype or genotype models at the right age to suit your specific research needs.



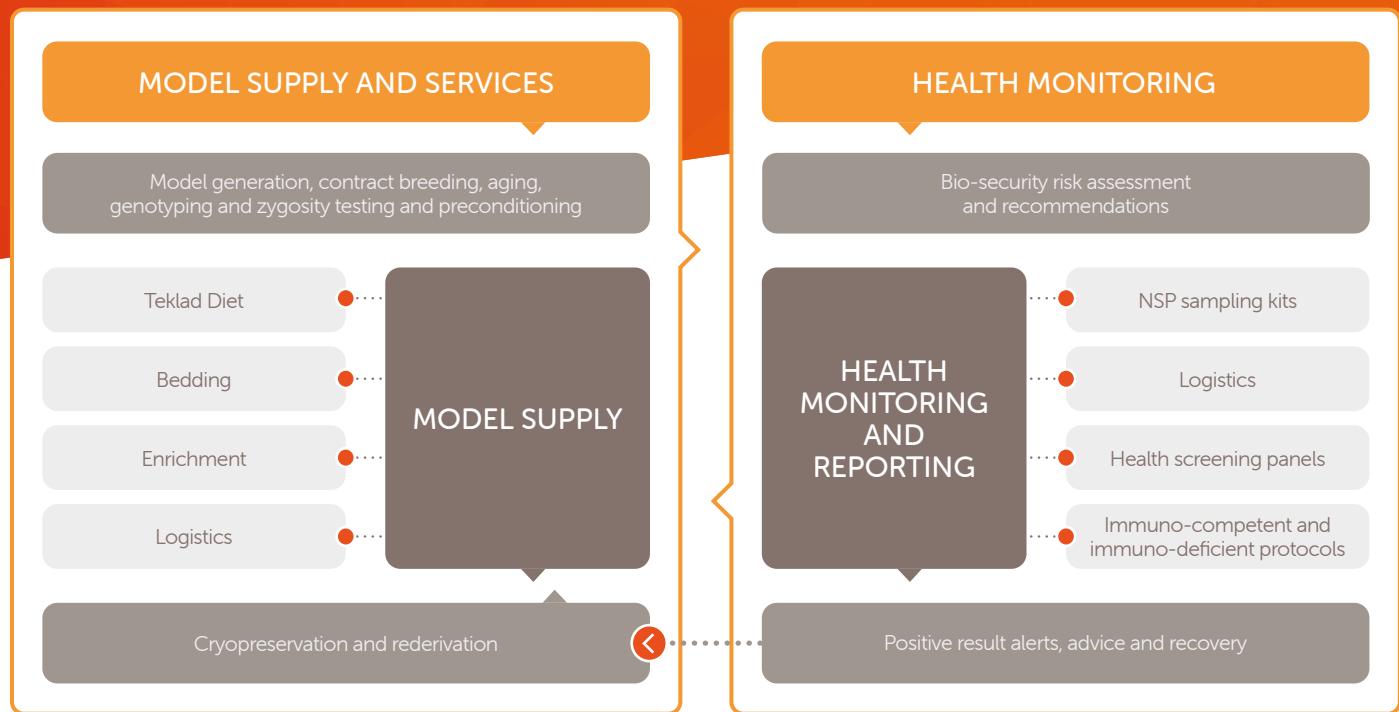
## Custom model generation

Partner with our experienced scientists to design and genetically engineer a rodent model to meet your specific needs using CRISPR and ZFN technologies.

# Your custom and contract breeding services provider

At Inotiv, we have a comprehensive range of services to support the health and supply of animal colonies.

- Contract breeding and colony maintenance
- Model supply
- Bedding and enrichment products
- Specialized diets
- Logistics solutions
- Quarantine
- Health monitoring
- Custom model generation
- Cryopreservation
- Rederivation
- Revitalization
- Genotyping
- Speed congenics
- Surgical Services



Inotiv provides the broadest range of research models and related services to the pharmaceutical and biotechnology industries, government, academia and other life science organizations. As the largest organization that is solely dedicated to providing research models and related products and services, we are committed to helping researchers realize the full potential of their critical R&D projects as we fulfill our mission to work together to build a healthier and safer world.