

Neurodegeneration

Part of the Taconic Biosciences Applications Solution Portfolio

Taconic Biosciences uniquely combines well-characterized and widely-used neurodegeneration GEMs as well as expertise in neurodegeneration model generation and breeding that recognizes the nuances of working with these sensitive animals, all with an ecosystem of scientific support designed to always provide our customers with the best solution.

THE BEST SOLUTION STARTS HERE

- ▶ Portfolio of off-the-shelf, well-characterized and widely published GEMs representing Alzheimer's, Parkinson's, and ALS

- ▶ Comprehensive colony management services for aging your mouse or rat colony to study specific age requirements with the ability to rederive any line to higher health standards (i.e. DF, GF) to meet your research needs

- ▶ Pre-aged cohorts of critical strains available to reduce research timelines, plus custom aging and preconditioning services available

- ▶ Genetic standardization can play a key role in neurodegenerative models, such in models of spinal muscular atrophy (SMA). Taconic's genetic monitoring program and robust SNP panels help prevent genetic drift so that unexpected phenotypes are less of a worry

- ▶ The influence of the microbiome on the nervous system has been established. Taconic is the only comprehensive provider of microbiome solutions, with a full range of health standard options to facilitate microbiome research, including germ-free mice, custom microbiota associations, and germ-free derivations

- ▶ Taconic is the only vendor to empower customers to obtain key GEMs without an MTA or license fees



DID YOU KNOW

Taconic actively monitors for adverse phenotypes which may occur in novel models for neurodegeneration. Regular monitoring ensures action can be taken quickly, enhancing your research's compliance with the 3 R's.

Get in touch for more information about our products and services.

US: 1-888-822-6642 | EU: +45 70 23 04 05 | info@taconic.com | Learn more at: [taconic.com](https://www.taconic.com)

THE COMPLETE SOLUTION

MODELS TO DRIVE DRUG DISCOVERY

Taconic Biosciences is uniquely positioned to enable drug discovery through animal models by being the only company that partners with customers to provide expertise, quality, and availability, along with downstream services:

- ▶ Expertise at every step
- ▶ Highest quality standards in the industry
- ▶ Availability and access to drive global research

MODEL GENERATION SOLUTIONS

Taconic's Model Generation Solutions empower our customers with a unique combination of capabilities, specifically tailored to each individual discovery program:

- ▶ Most experienced model generation and breeding company
- ▶ Most comprehensive toolkit
- ▶ Exclusive programs
- ▶ Concierge approach to partnering with customers

COLONY MANAGEMENT SOLUTIONS

Taconic's fully-integrated colony management solutions bring innovative models from design to study-ready cohorts with unprecedented speed and transparency:

- ▶ Most experienced model generation and colony management company
- ▶ The complete toolkit
- ▶ Colony management solution process
- ▶ Partnering with our customers
- ▶ Expanded applications and opportunities

YOUR PARTNER

WHAT WE DO

Taconic Biosciences is a fully-licensed, global leader in genetically engineered rodent models and services. Founded in 1952, Taconic provides the best animal solutions so that customers can acquire, custom-generate, breed, precondition, test, and distribute valuable research models worldwide.

WHO WE ARE

Taconic has created a unique ecosystem of experts to provide our customers with the best animal model solutions. Whether it is choosing the right model for your study, designing a custom model, creating an efficient breeding plan, or providing expertise in critical support functions like veterinary science, genetics, and embryology; Taconic is ready to help you drive your research from idea to cure.

CONTACT US

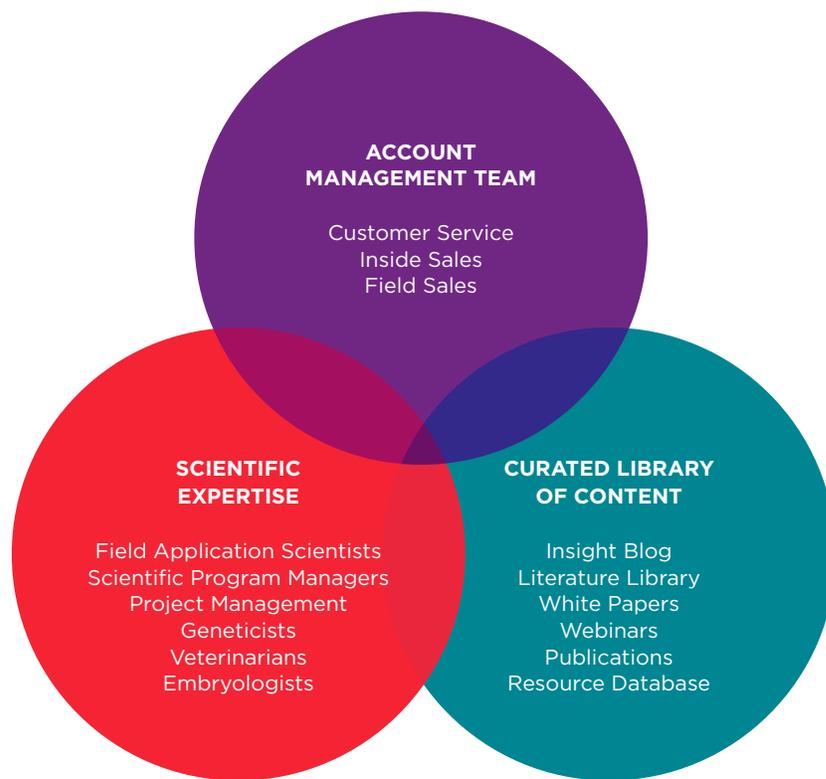
To get started, contact one of our customer service team members. Contact us at info@taconic.com.

VISIT TACONIC.COM

There is so much more to learn. Visit taconic.com to see our full breadth of animal model solutions and valuable resources.

CROSS-FUNCTIONAL TEAMS DESIGNED TO PROVIDE AN ECOSYSTEM OF SUPPORT

Specifically for neurodegeneration, our PhD field application scientists provide expertise on experimental design and selection of ideal models with PhD scientific program managers providing custom breeding and colony management solutions to ensure your research success and support that empowers customers with the best solution.



CURATED CONTENT FOR NEURODEGENERATION

- ▶ Webinar: Human APOE KI mice - A Model for Late-Onset Alzheimer's Disease and Heart Disease: taconic.com/human-apoe-ki-mice-webinar
- ▶ Webinar: Improving Preclinical Neuroscience Study Design with AlzPED Data: taconic.com/design-alzped-webinar
- ▶ Insight: The Role of Inflammation in Parkinson's Disease: taconic.com/parkinsons-disease-insight
- ▶ Insight: Investigating Tauopathies with Transgenic Mice: taconic.com/tauopathy-transgenic-mice-insight
- ▶ Insights: CRISPR Genome Engineering: Advantages and Limitations: taconic.com/crispr-genome-engineering-insight
- ▶ Flyer: Animal Husbandry & Breeding: taconic.com/animal-husbandry-flyer
- ▶ Flyer: Custom Model Generation Colony Management Solutions: taconic.com/custom-model-flyer