tick@lab

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Aquatics Management and Process Support

Aquatic species such as zebrafish have become an important component of biomedical research. While most software tools for managing laboratory animals and facilities are designed for mice, **tick@lab** provides specific functionality for managing aquatic species. Better yet, these functions are seamlessly integrated with **tick@lab's** core features for handling virtually all aspects of research compliance and animal operations.

Enable Flexible Tank management

- Track individual animals or groups as required to meet project or facility needs
- Automate tank capacity checks across user-defined tank types
- Transfer, split and merge tanks efficiently, plus track tank positions (optional)
- Determine and design tank label layouts, sizes and information requirements
- Use tank labels with all device types and barcode/RFID scanners, plus print from any printer

Improve Animal Identification and Care Processes

- Automate animal identification and numbering with the provision for multiple identifiers
- Apply "profile" pictures for secure identification by phenotype
- Flag health issues, request veterinary checks, and document animal exit points
- Track complete animal life cycles in real time and generate detailed event chronologies

Streamline Breeding Process Support and Information Tracking

- Manage breeding events at a single or multiple tank level
- Record clutch size, number of fertilized eggs, fertilization rate, and other key characteristics
- Enable complete tracking of animal genetics and genealogy
- Schedule and assign service requests (e.g., genotyping, transfer, etc.) to individuals or groups

Support Accuracy and Standardization with Configurable Forms, Templates, and Reports

- Create templates for activity documentation (e.g., health, treatment, breeding, etc.) plus help text
- Generate standard and custom reports to assess performance and satisfy regulatory requirements
- Configure e-mail notifications and alerts to support task completion and on-time actions
- Query current and historical data in the animal history and save filtered views for instant access