

For three decades, a major pharmaceutical company has been a leader in the development of therapies in multiple areas of human health. The organization is highly patient-focused and systematic about pursuing tools and methods that advance their pursuit of effective treatments. They utilize **tick@lab** in their AAALAC-accredited animal research facility.

Situation

The organization has steadily expanded its use of **tick@lab** for both colony management and research compliance. Prior to full **tick@lab** implementation, animal inventory was done by hand, cage cards were handwritten, data capture was retrospective, and shared Excel files were the format of record. These practices cost time, introduced errors, and prevented efficient animal management.

By addressing these common issues in pharmaceutical research, the organization sought to eliminate overbreeding and enable consistently reproducible research. Focus areas included accurate animal health records, a comprehensive audit trail, and connecting training records and animal protocols – with reference to IACUC, IRB, and IBC.

Implementation

With the arrival of COVID, the organization's animal operations leadership found that lab activity was more opaque and difficult to manage than ever. a-tune specialists worked one-on-one with the organization's operations managers to configure **tick@lab** to their specific needs – solving each of their pain points and enabling a new facility management structure.

Outcome

The organization employs **tick@lab** as part of a centralized management approach, through which a dedicated service team handles all **tick@lab** input and all hands-on cage management, including breeding and *in vivo*. This enables researchers to focus entirely on their research.

Greater organization has been the key, with **tick@lab** utilities combining into a singular source of integrated information and operational efficiency:

- Cage cards are now barcode driven, incorporating customized iPads.
- The animal census is accurate and timely.
- Study plans and electronic health reports are integrated into the system.
- Electronic facility logs are uniformly captured.
- All colony management tasks are automated.
- Fewer animals are needed, because every animal is useful.
- All facility data is available anytime, anywhere.
- Audits for compliance are simple with **tick@lab** as a data repository.



“As a complete animal inventory repository, tick@lab is life-changing for management and for animals. We do not overbreed, audits are easy, and our research results are more reproducible.”

– Senior Manager,
Department of Laboratory
Animal Research