



SERALOGIX

Study Manager

A start-to-finish solution designed for individual researchers and scalable for the research enterprise.



Seralogix Study Manager is a new platform aiming to standardize and streamline pre-clinical studies via an intuitive, elegant interface. The platform employs the power of cloud computing and storage to take your experimental design, data collection, and reporting to a new standard of excellence and reproducibility. This suite of tools will enable you and your team to have confidence in your study designs, results and data quality while enjoying the benefits of instant sharing and reporting.



Embedded Intelligent Design Engine ⇒ Higher Experimental Design Confidence and Reproducibility

Correctly planning your experimental design can be a daunting task. Seralogix Study Manager's Design Module steps you through the process of defining your study to achieve the statistical rigor necessary to ensure your study's success. The user friendly interface facilitates the creation of your study groups, conditions, secondary and blocking factors, and outcome responses. The selection of your study species provides access to thousands of previously measured phenotypic responses that you can use or create your own customized outcome response values to improve effect size estimation for computing power and sample size. The Design Module's intelligent engine is a unique innovation that determines or suggests the correct analysis approach for your selected design choices and automatically computes your sample size based on your target study power and significance goals. The Design Module supports many types of experimental designs from simple T-Test to complex factorial designs.

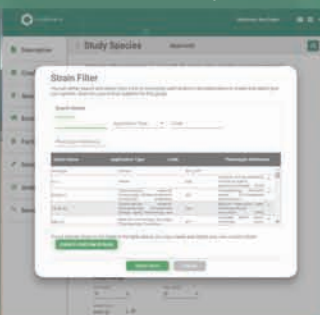
Create and Manage Studies



Define Groups and Treatments



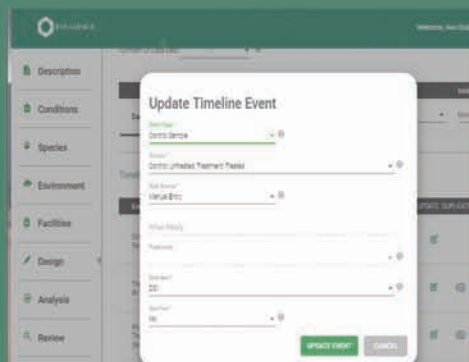
Select Animal Species



Define Factors and Outcomes



Define Study Events Timeline



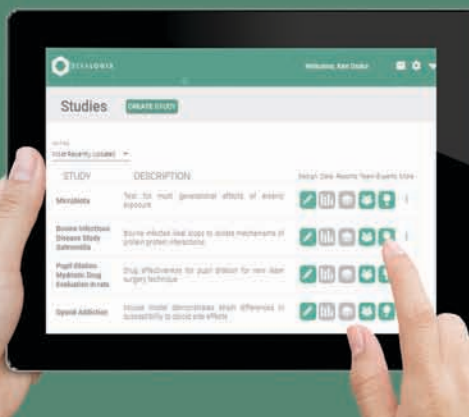
Optimize Power and Sample Size



Generate Study Plan

Study Review

Study	Condition	Factor	Outcome	Sample Size
Study 1	Condition 1	Factor 1	Outcome 1	1,000
Study 2	Condition 2	Factor 2	Outcome 2	2,000



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Ready to take the next step in improving your preclinical research study reproducibility?

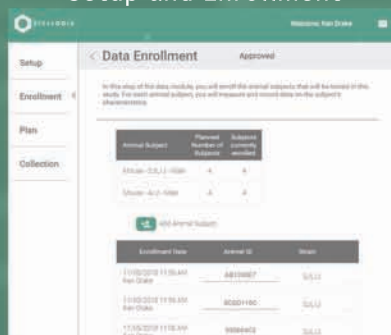


Higher Quality Data ⇒ Cleaner Results and Reproducibility

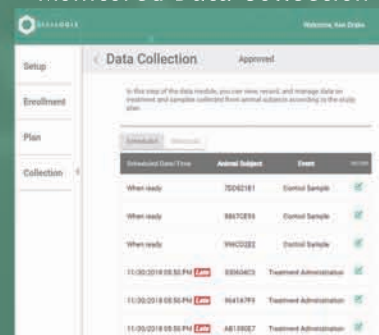
Seralogix Study Manager automatically creates data collection framework based on your experimental design. When the design has been finalized, Study Manager seamlessly steps forward to help the researcher and team enroll animal subjects and collect accurate treatment and sample data at the right times, while adhering precisely to the study design guidelines.

- ◆ Automates data collection set up for blinding and randomization
- ◆ Facilitate subject enrollment with restrictions
- ◆ Setup and monitor key collection events
- ◆ Supports remote data collection and viewing
- ◆ Autogenerates database from study parameters
- ◆ Secure and redundant data storage

Setup and Enrollment



Monitored Data Collection



Report Generation ⇒ More Efficient and Complete Reporting

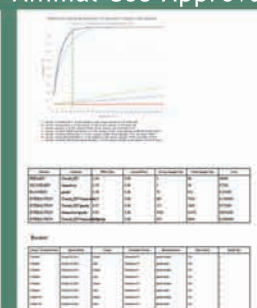
Study Manager helps generate various reports based on the researchers needs and study phase. Reports can be generated for proposal submission or for animal use approval. Get real-time statistical summaries of collected data, run data analyses based on experimental design parameters, or generate study descriptions and results compliant with the Animal Research Reporting of In Vivo Experiments (ARRIVE) guidelines.

- ◆ Generate sections to paste into grant proposals
- ◆ Create reports for animal use approval review
- ◆ Generate analytics during and after data collection
- ◆ Produce study protocol for team coordination
- ◆ Create ARRIVE guideline compliant reports

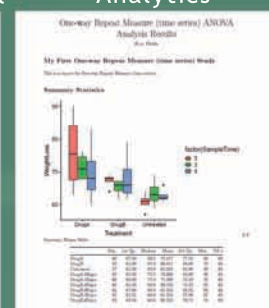
Proposals



Animal Use Approval



Analytics

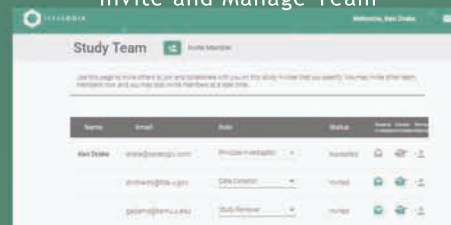


Team Support ⇒ Higher Quality Study Results Through More Efficient Review and Improved Coordination

Study Manager helps you build your team and grant access for design and data review. Team members can provide rapid input and feedback at any phase of the study. Share your designs and results for proposals and reports immediately anywhere in the world. Roles and privileges are assigned for administrators, reviewers, and data entry. Alerts of key events are automatically sent to team members to help prevent costly mistakes.

- ◆ Invite team members to review and collaboration
- ◆ Define rolls and privileges
- ◆ Share with remote sites and collaborators
- ◆ Collaborate with reviewers and consultants
- ◆ Invite your sponsors to participate and grant access

Invite and Manage Team



Access to Experts ⇒ Reduce Study Risk

Study Manager provides access to domain and statistical experts. Get answers fast from world-class scientists. Augment your team with an expert. Checkout the knowledgebase and participate in the community forum. Feel confident that your studies are designed correctly the first time. Reduce you study risks by having your designs reviewed by our experts.

- ◆ Online access to domain experts
- ◆ FAQ knowledgebase
- ◆ Participate and contribute to community forum
- ◆ Online chat for technical support

Live Online Chat



Technical Support and Forums

