Benefits of using ArxLab Notebook

Ease of Use

- Support for chemistry and biology experiments and workflows
- Keyword, advanced, and chemical searching
- Template creation for common protocols and experiments
- Attachment and in-line editing for all Microsoft Office, image, and instrument files
- Server-based generation of PDF reports of experimental data

Sharing of Data Internally and Externally

- Cloud-based system accessible from any browser
- View and/or write sharing capabilities at notebook and project level
- Configurable user role and permission hierarchies
- Group auto-share notebooks
- CRO data access and input management

Integration with Other Systems and Software

- Out of box integration with legacy ELN systems
- Native integration with PerkinElmer ChemDraw®
- Underlying ChemAxon chemical intelligence
- Enterprise capability
- Single sign-on (SSO) capabilities

Infrastructure and Data Security

- Global cloud software - no software to install or update
- No need for servers and/or database purchases
- Secure, audited data facility and procedures
- Regular client data backups available
- System updated every six weeks

Legal and Regulatory Compliance

- 21 CFR Part 11 compliant
- Experiment audit trails and user/activity logs
- Experiment signing and witnessing workflows
- SAFE BioPharma compatibility for multi-factor capabilities
- Support or validation of system and system updates

Use ArxLab® Notebook on its own or integrated with additional ArxLab® Modules

Arxspan

Transform your Scientific Data Recording Process with Arxspan ArxLab® Notebook

Move from frustrated to ...

focused.

Choose Arxlab® Notebook to manage and share your research data.

Migrate from paper-based laboratory notebooks to the ArxLab® Notebook electronic laboratory notebook and enjoy the benefits of an intuitive and easy to use ELN that is searchable and sharable, efficiently managing chemistry and biology data.

Flexibly manage your scientific workflows while never losing track of your data:

- Securely store data in one central repository
- Record and protect intellectual property
- Share knowledge legibly across the entire organization
- Seamlessly share information with outside partners
- Comprehensively search and find all research data
- Manage workflow and work requests
- Access your experiments from any device at any location
- Adhere to regulatory standards
- Sign and witness experiments
- Store all MS Office, image, analytical, and instrument files
- Generate reports with the push of a button
- Create custom experiments and templates
- Integrate with other scientific workflows

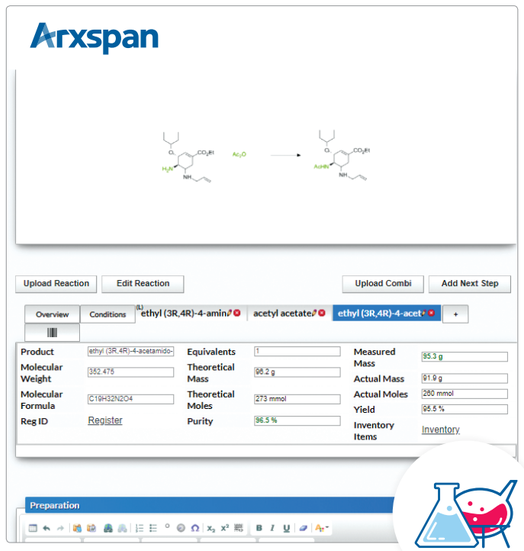
Arxspan

ARXSPAN® OFFERS A LINE OF CLOUD-BASED PRODUCTS FOR MANAGEMENT OF RESEARCH DATA.

ArxLab® Notebook: The Enterprise Research Notebook

The ArxLab® Notebook is a cloud-based electronic laboratory notebook, serving as an authoritative repository for chemistry and biology data and optimized for the collaborative research models present in today's commercial and academic research environments.

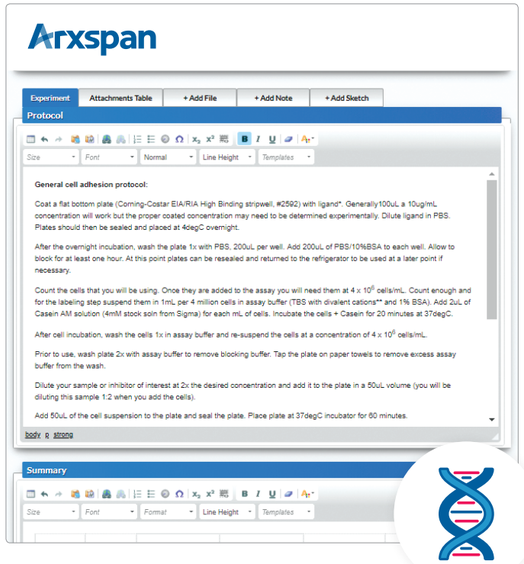
With an intuitive interface, ArxLab® Notebook requires no software other than your web browser and provides a full-featured, cross-platform user experience across Windows, Mac, Android, and iOS mobile operating systems.



For Chemistry

Chemists enjoy the ease of use of industry-standard ChemDraw™ for drawing and representation of chemical structures and reactions.

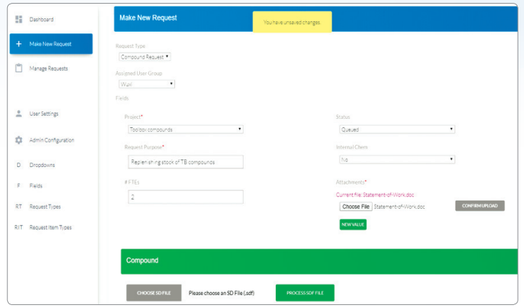
Details of reactants and products, such as systematic name, chemical formula, molecular weight, and more are automatically populated via ChemAxon chemical intelligence into a stoichiometry table beneath the reaction. Chemical searching, parallel synthesis, defined vocabulary lists, CAS number lookups, compound tracking, and regulatory checks on compounds are available in chemistry experiments.



For Biology

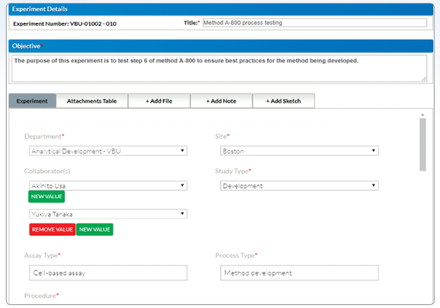
Biologists can enter information in free-text sections or draw down preconfigured protocol or summary templates to document their experiments. Microsoft Office files, such as Word and Excel, can be attached to experiments. Push-button PDF-rendering of experiments yields free-text and file attachment data into a comprehensive report for downloading and sharing. Notes and comments can be added to experiments, images can be annotated, and common protocols can be templated for quick population of free-text boxes in biology experiments.

Component Functionality in ArxLab Notebook



ArxLab Workflow – Project and Work Request Management

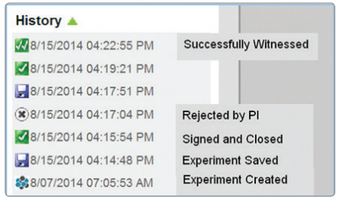
ArxLab Workflow is a comprehensive project and work request management system, allowing managers to oversee projects and activities, and to make work requests and track progress of these requests.



Custom Experiments – Formatting Titles and Fields

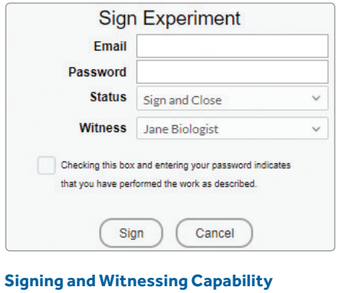
Custom experiments can be created, allowing users to change the names of experiments and experiment sections, as well as to create custom drop down, multiple entry, free text, and required fields.

ArxLab® Notebook Features include:



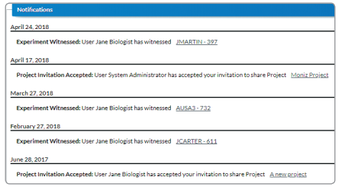
Experiment History

Each experiment contains a history box for recording and posting a hard-saved copy of that experiment, complete with NIST date and time stamps. Prior hard-saved experiment versions in the history box are in uneditable form, for viewing the version of that experiment as it was at the time of saving.



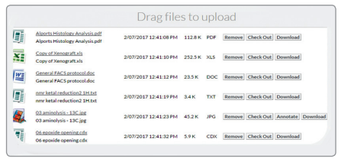
Signing and Witnessing Capability

Signing and witnessing of experiments is a standard feature. Multiple witnesses can be selected for any experiment, witness reminder alerts can be scheduled, and experiments can be rejected, with reasons noted in the rejected experiment.



Notifications

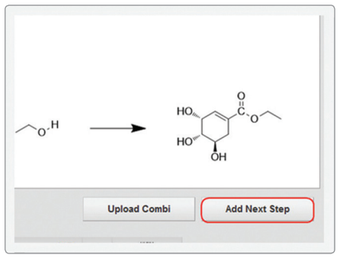
Users can be notified of events and actions related to experiments, notebooks, and projects that they own or have access to. Notifications can be delivered into users' dashboards or via e-mail.



Dragging & Dropping of File Attachments

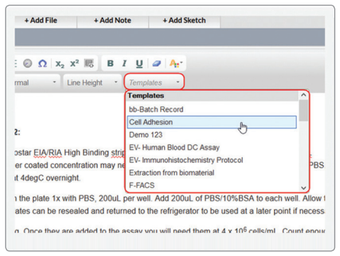
Users can drag & drop files of any type:

- Word, Excel, and PowerPoint
- PDF
- JPG, GIF, TIF, and PNG
- Instrument
- Analytical
- Text



Multi-Step Experiments

All experiments have a next step functionality, allowing users to create follow on chemistry, biology, or analysis experiments in order to chronicle multi-step synthetic processes or follow up with analytical assays.



Experiment Templates

Custom templates can be created for chemistry and biology experiments, enabling population of experiments with commonly used protocols or standardized result formats.