Benchling Workflows

Transform your system of record into an engine of collaboration and insights

Benchling

Workflows

Move Your Science Forward

![Benchling logo]

Workflows, Benchling's application to drive R&D processes, is designed for collaboration by connecting lab activities, scheduling experiments, assays, and runs, plus identifying opportunities to optimize workflows end-to-end.
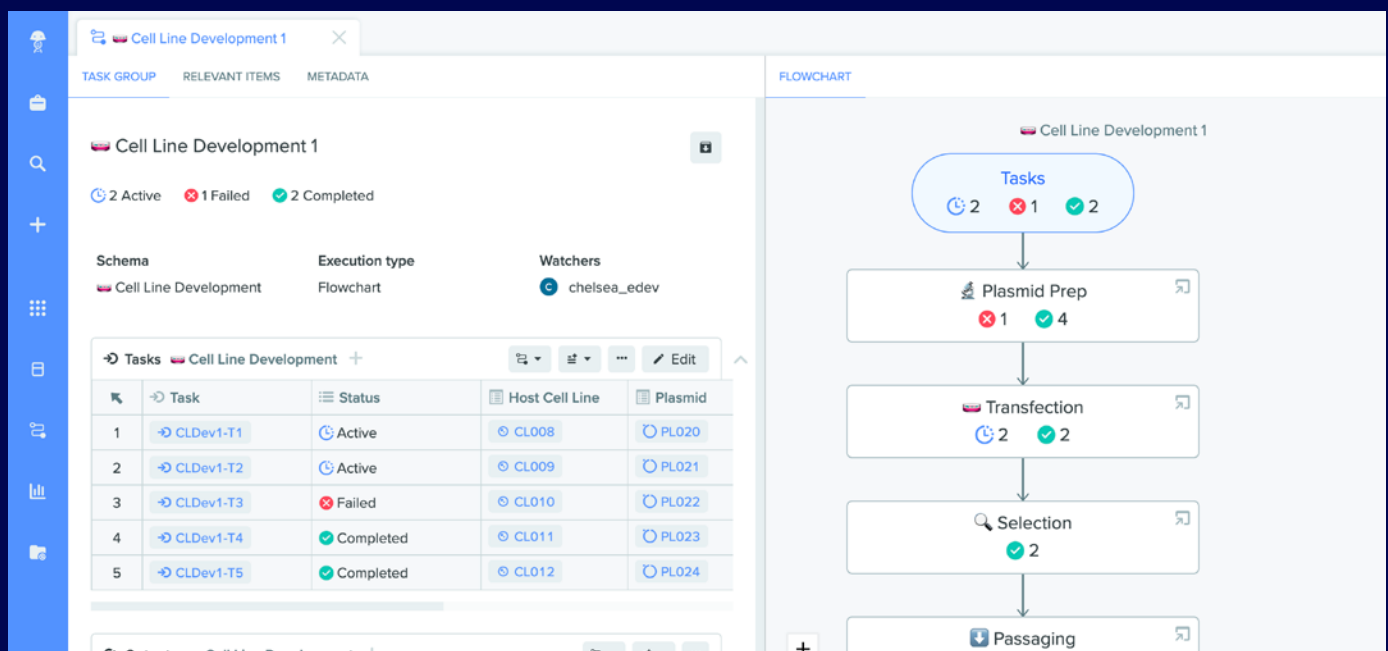
Power productivity
Simplify and streamline R&D processes

Accelerate velocity
Increase efficiency with streamlined hand-offs within and across teams

Deliver predictably
Improve decision making with holistic program health indicators

"**Benchling facilitates partnership over long-term between various teams at Syngenta by helping us to think through the process that we're performing and capture the outcome of those processes in a standard way.**"

B.J. Carey
Knowledge Management Lead – Scientific Data, Syngenta

Workflow capabilities

Workflows design tools

- Drag-and-drop tasks in a flowchart to map process dependencies

- Establish how the output of one step becomes the input to the next step
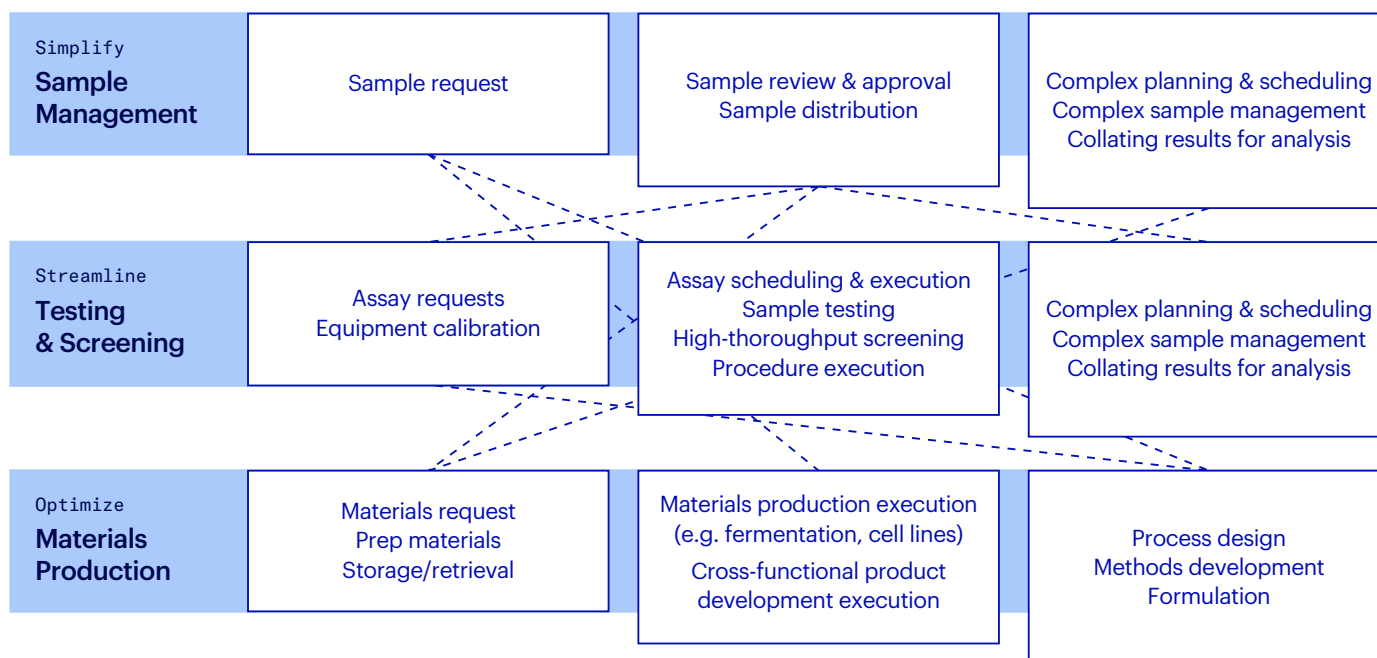
Workflows manager

- Initiate workflows and automatically assign next resource when task is complete to maintain flow

- Reroute activities as needed to continually optimize for efficiency

- Collate process and scientific data for holistic intelligence

Dashboards and notifications

- Monitor each step in the workflow with up-to-date task and process information

- Set up notifications to alert users of upcoming and completed tasks

- Generate process reports to identify opportunities for process improvement

Workflows drives interdependent processes across teams

Delivering increasing value as complexity of teams, work, and requirements evolve

Simplify **Sample Management**	Sample request	Sample review & approval Sample distribution	Complex planning & scheduling Complex sample management Collating results for analysis
Streamline **Testing & Screening**	Assay requests Equipment calibration	Assay scheduling & execution Sample testing High-throughput screening Procedure execution	Complex planning & scheduling Complex sample management Collating results for analysis
Optimize **Materials Production**	Materials request Prep materials Storage/retrieval	Materials production execution (e.g. fermentation, cell lines) Cross-functional product development execution	Process design Methods development Formulation

Trusted by world class leaders in R&D

GILEAD

TWIST BIOSCIENCE

RubiusTherapeutics

bit.bio

Joywell

syngenta

23andMe

Mammoth Biosciences

The Benchling Difference

Benchling interlinks and tracks the entire R&D lifecycle — from project documentation and data acquisition to sequence design, sample management, process management, and reporting. By standardizing and centralizing R&D data and workflows on a single platform, Benchling helps forward-thinking companies accelerate their digital lab transformation to enable better, faster decision-making.

Built for Complex Science

Purpose-built to support the development of anything from biologics and biomaterials to strains and small molecules, Benchling interlinks your sequences, samples, and experiment results to ensure full traceability.

Intuitive and Easy to Use

Benchling's modern user interface — with natively interconnected notebook, sample registration, inventory management, and workflow design applications — means your team can work better and faster, together.

Adapts to Your Process

Built on top of a secure, high-performance cloud infrastructure, Benchling supports evolving scientific workflows and integrates with lab instruments and other software systems to help unify your R&D data ecosystem.

Enables Data-Driven Decisions

Centralized, standardized data capture and storage help ensure the integrity of your data, while integrated analytics tools help you derive the insights you need to make better scientific and operational decisions.

Notebook

Ensure documentation completeness and compliance

Molecular Biology

Accelerate DNA, RNA and amino acid design, at scale

Registry

Standardize, connect, and contextualize sample data

Inventory

Track and manage every sample and reagent

Workflows

Drive R&D efficiency with orchestrated process management

Studies

Generate accurate in vivo study data as part of your connected R&D

Insights

Translate R&D data into actionable insights

Benchling for Lab Automation

Automate instrument orchestration and data acquisition