

Unify Your Entire Life Science R&D Data Ecosystem

Integrate software, databases, and instruments with the Benchling Developer Platform to centralize and synchronize your R&D data and processes.

- Create, run, update, delete (CRUD) access via Benchling's REST API
- Events system for automatically triggering actions in Benchling and connected systems
- Read-only, SQL Data Warehouse for storing Benchling- and instrument-generated data

Centralize data across informatics systems

Use the API to build integrations that automatically pull and push data out of Benchling to ensure all your systems are kept up-to-date with complete, accurate data.

Automate workflows with custom logic

Subscribe to events that allow you to automatically trigger the next step in an informatics workflow, automate instrument interaction, or sync changes to an external database.

Extend platform capabilities with 3rd-party apps

Connect your proprietary software to support specialized workflows, and securely connect to analytics tools like Tableau and Spotfire to create charts and dashboards from Benchling data.

Trusted by world class leaders in R&D



REGENERON

zoetis

CORE RESOURCES

- DNA Sequences >
- Oligos >
- AA Sequences >
- Custom Entities >

REGISTRY

- Registry Resource
- GET List registries
- GET BulkGet registered entities**
- Registration >
- Batches >

MOLECULAR BIOLOGY

BulkGet registered entities SUGGEST EDITS

GET `https://benchling.com/api/v2/registries/registry_id/register-ed-entities:bulk-get`

PATH PARAMS

`registry_id*` string

QUERY PARAMS

cURL

```
curl https://benchling.com/api/v2/registries/src_NetYd96a/registered-entities:bulk-get?entityRegistryIds-pBN000,sBN000 \
-u sk_YOUR_SECRET_KEY:
```

● 200 OK ● 400 Bad Request

```
{
  "entities": [
    {
      "aliases": [],
      "annotations": [],
      "archiveRecord": null,
```

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.

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.

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.

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 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



Insights

Translate R&D data into actionable insights



Benchling for Lab Automation

Automate instrument orchestration and data acquisition