bionamic.

Traceability made simple

Take full control of your discovery and development data.

- ✓ Accelarated R&D
- ✓ Data Security
- ✓ Modern LIMS cloud
- ✓ Automation
- ✓ Collaboration
- ✓ All-in-one Software

Built with modern technologies to accelerate biopharma R&D.

Target Evaluation	Antibody Discovery	Lead Identification	Clinical Candidate Selection	IND Enabling Studies	Phase I	Phase II	Phase III

A single trail from target to market.

Trace

Traceability is an integral part of successful scientific discovery. In Bionamic's system, your data is stored as an audit trail.
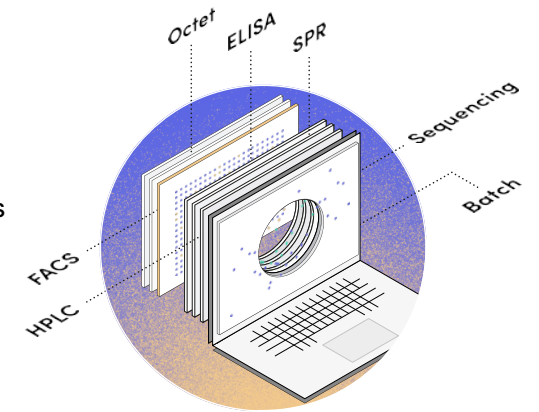
Every change is traceable to who, what, and when.

Capture and browse relations between samples, molecules and experimental information - all in one place.

Analyze

Access everything from sequences to assay results and inventory in a well-structured and intuitive way.

- **No skills in programming or bioinformatics required.**
- **Use purposebuilt tools and visualizations.**
- **Compare and select candidates across all parameters.**

Collaborate

Bionamic cloud serves as a central and single source of truth for all stakeholders in an antibody discovery and development program.
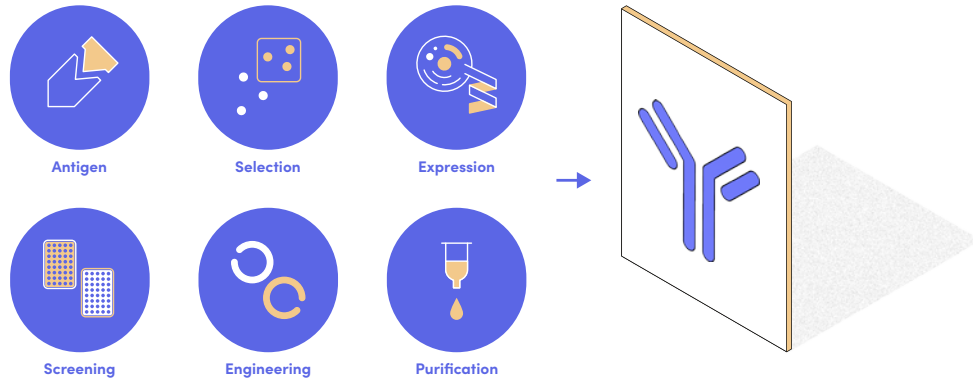
- **Remove confusion around uniqueness and data origins.**
- **Immediate data syncing across users and sites.**
- **Standardized and user defined naming conventions.**

Store

Data import and export is simple and flexible. Easy integration with Excel, sequence editing programs and common bioinformatic tools.

Once entered, the data is securely stored and traceable, ready to be analyzed and shared with the team.

Manage your antibody development data

- Antigen
- Selection
- Expression
- Screening
- Engineering
- Purification

✓ Custom antibody formats

✓ Mutation tools

✓ Isotype conversion

✓ Assay and sequence integration

✓ IMGT alignments

✓ Batch cloning

In an antibody discovery and development setting, the Bionamic platform addresses the challenges of analyzing sequences and multiple types of assay data in the context of historical data.

By registering screening assay data and subsequent sequencing result, users can easily evaluate assay results to take action on the sequence level. Actions that can be taken on sequences after identifying well performing VH-VL sequences include introduction of mutations and cloning into user-defined antibody formats – including bispecific and antibody fusion proteins.

Bionamic will generate unique IDs and labels for each antibody using custom naming settings. Productions and purifications of antibodies can easily be registered and tracked. Assay results can be summarized across all samples containing an antibody to, at a glance, give a good overview of how it performs in everything from FACS to blocking assays.

Bionamic will serve as a single source for all your discovery and development related data. It's custom search functionality will make finding and tracing information fast and easy.
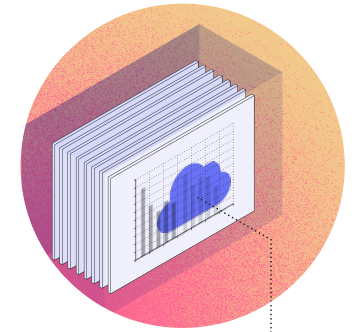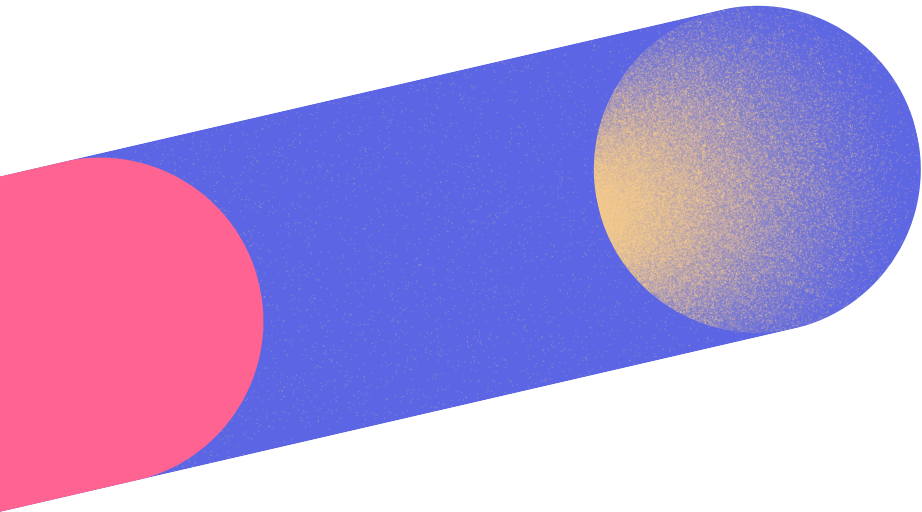
Quickly answer questions like:

- **Where and how were the original sequences for this VH-VL identified?**

- **Which other antibodies use this (or some variant of this) VH-VL?**

- **Which purification batches exist for this antibody (or any antibody containing this VH-VL), and which assays have ben run?**

- **Which antibodies have high affinity and blocks the ligand for receptor X?**

Our story

Bionamic is a company in Lund, Sweden, founded by Anders Carlsson, Ph.D. and Morten Krogh, Ph.D. whose combination of experiences from life science (Scripps Research and USC), theoretical physics (Princeton and CERN) and software development is fertile ground for developing the best therapeutic antibody research platform in the world.

The idea behind Bionamic was developed while consulting at various biopharma companies, where the challenges of organizing and analyzing development data were obvious and researchers were frustrated by the inefficiencies caused by the lack of appropriate software.
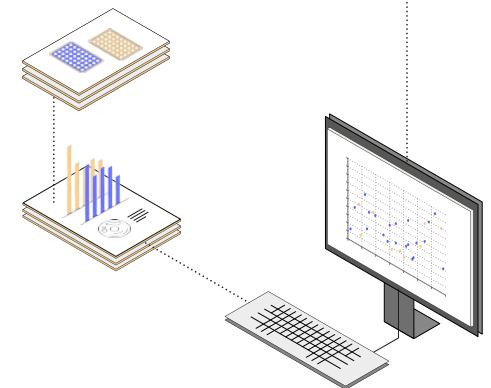
It is Bionamic's mission to change this by providing a software platform developed around the biopharma discovery and development process, soundly built on true biological concepts and relations.

Bionamic Cloud

Bionamic is Software as a Service (SaaS) application that combines the security and accessibility of the cloud with the performance and privacy of a local installation.

- **Configure as you go – simple onboarding and administration.**
- **Unrestricted number of users – automatically scales with growing organizations.**
- **Offline mode – access and write data without an internet connection.**

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