



Case Study

EV Biotech builds a sustainable future with help from eLabJournal

“eLabJournal has made the set-up of our laboratory very easy.”



EV Biotech

EV Biotech is an interdisciplinary start-up based in Groningen, the Netherlands, founded by a team of three young, enthusiastic scientists. Our mission is the biological production of high-value chemical compounds for the flavors and fragrances, biomaterial, agriculture and pharmaceutical markets.

Goal

Steer the chemical industry from unsustainable and oil-based sources to microbial production using a combination of the cutting edge techniques in microbiology, genetic engineering, and systems biology. EV Biotech's long term goal is to become one of the established strain developers in Europe.

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Linda Dijkshoorn
Genetic Engineer
CEO and founder

“EV Biotech is a start-up company. eLabJournal has made the set-up of our laboratory very easy. It gives us the tools to organize the laboratory and share our projects and data.”

Challenge

Need to track clinical information and samples together

Our lab has established a biobank for over 40 subtypes of sarcoma. We needed a better way to track our inventory of biospecimens and to tie them together with the clinical data associated with each patient.

Solution

Safe, reliable, synchronized tracking of patient clinical data and biospecimens in Biobank

We talked to many lab-based inventory software companies, but none were as effective for our needs as the eLabJournal system from Bio-ITech, which contains both the eLabInventory module and the Electronic Lab Notebook module. Other systems were not as customizable as eLabJournal and some did not offer cloud-based hosting, which was essential for us - especially now (since COVID-19). So we decided to install eLabJournal in our Musculoskeletal Oncology Lab (MOL) at the University of Pittsburgh. We collect biospecimens and clinical data from patients

diagnosed with sarcoma at the university’s medical center—UPMC. eLabJournal helps us store and track our inventory of biospecimens and all the associated clinical data in a single, seamless application. We heavily rely on the inventory part of it for now but we are slowly incorporating experiment tracking for when members use specimens in the biobank.

Result

eLabJournal ties biospecimens and data together for totally reliable biobank operation

We already have the most diverse sarcoma biobank in the country, and now eLabJournal helps us to quickly share biospecimens and data with the members of our lab and other collaborators. We feel confident that we can keep track of all our biospecimens in an efficient way. The eLabInventory module of eLabJournal not only knows where specimens are in an instant, but also ties them unequivocally to the clinical data—what was happening with the patient and the treatment. We are even beginning to incorporate tracking of new experiments when members use the existing biospecimens in their research studies - thanks to the electronic lab notebook module of eLabJournal.



About eLabJournal

eLabJournal offers an intuitive and flexible solution to manage information in your lab. The all-in-one Electronic Lab Notebook also includes modules for sample tracking and protocol management. eLabJournal improves efficiency when documenting, organizing, searching and archiving data, samples and protocols. The software is suitable for any lab ranging from small academic laboratories and start-up companies to large academic institutes and globally operating companies.



Europe, Africa, Asia and Australia
 Kieler Bocht 9E
 9723 JA Groningen
 The Netherlands

✉ enquiries@elabjournal.com
 ☎ +31 50 720 00 55

North America and South America
 1208 Massachusetts Ave, Suite 3
 Cambridge, MA 02138
 USA

✉ info@bio-itech-us.com
 ☎ +1 617 665 5391

100 Crossing Blvd, Suite 110
 Framingham, MA 01702
 USA

✉ info@bio-itech-us.com
 ☎ +1 617 665 5391

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