

WHY WASTE TIME ON FISH ANALYSIS?



Cellari
Powered by Almond technologies

CASE STUDY: THE LABORATORY

Introduction of new markers and therapies has dramatically increased the demand for Fluorescence in situ Hybridization (FISH)-analysis. Thus, laboratories are forced to optimize FISH test turn over time.

We investigated a medium-sized lab performing 987 FISH tests per year. The tests yielded 3161 images that needed to be quantified according to internationally accepted guidelines.

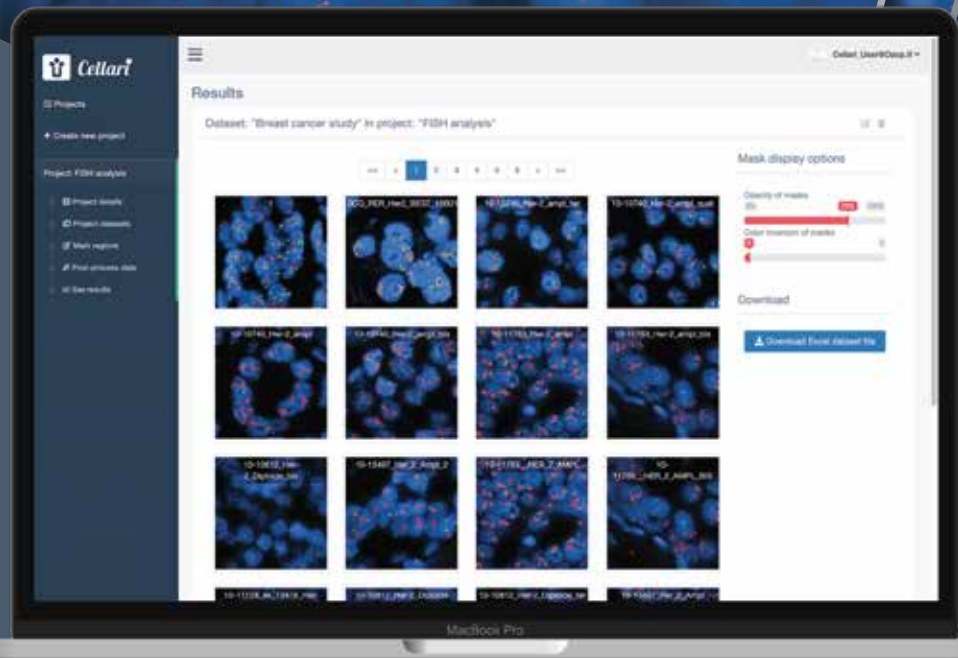
Manual quantification by human operators is the de facto standard from small and medium-sized labs. Each FISH test takes on average 25 minutes to quantify. In 15% of the cases, a second quantification was conducted.

The total estimated time consumption with traditional methods was 473 hours, equal to 13 weeks of working days per year.

Using Cellari all images were uploaded to Cellari.io, analyzed by the pre-trained deep neural network and results were downloaded.

Time consumption using Cellari is 11.5 minutes per year.

13 WEEKS OF MANUAL WORK SAVED BY LETTING CELLARI DO THE JOB DURING A COFFEE BREAK!



WHAT USERS ARE SAYING

"I am convinced that the technology included in Cellari's system will become the industry standard" - Dr. Davide Danovi, Director, HipSci Cell Phenotyping Programme, King's College

"Within the first hour of using Cellari, we were able to achieve results far beyond what we have ever seen using other methods and services"

- Erik Spillum, CEO & Co-Founder of BioSense Solutions

"If I had Cellari when I did my research, I would not have quit my PhD!" - Former PhD student,

ABOUT CELLARI

Cellari is a Danish software company created and trusted by doctors, scientists, and machine-learning experts alike.

By demolishing guess-work and manual, repetitive tasks, Cellari is leading the path towards robust and reproducible science!