

AI-NATIVE LAUNCHPAD · BIOTECH & GENOMICS

Fewer failed runs. Findable data. More time for science.

An AI-native biotech lab catches run problems early, keeps every dataset findable and handles consent with care. Scientists still decide what the results mean; AI does the checking, filing and reporting.

01
Know where to start
Find the AI opportunities that matter most to your business.

02
See it work
Pick one idea and we build a working proof of concept with you.

03
Know what comes next
Get a step-by-step roadmap with timeline, budget and estimated return.

FIXED-FEE PACKAGES

Launch **$2,500**

Accelerate **$7,500**

Transform **$19,500**

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BIOTECH & GENOMICS · WHERE AI HELPS

From today's problems to AI-native work

THE PROBLEMS TODAY

01

Failed runs found too late

Sample mix-ups and poor-quality data show up only after a sequencing run, wasting reagents, time and precious samples.

02

Data nobody can find or reuse

Old datasets sit in folders without clear labels, so a re-analysis request means days of digging.

03

Consent tracked by hand

Keeping up with consent versions, withdrawals and data access requests relies on spreadsheets and memory.

WHERE AI CAN HELP

01	**Pre-run checks**	Check sample sheets and run set-ups for clashes and mistakes before the instrument starts.
02	**Findable lab data**	Label and index datasets so scientists can find past runs, samples and results by asking in plain words.
03	**Consent and access watch**	Flag data linked to withdrawn or outdated consent before anyone uses it, for a person to confirm.
04	**Faster reports and summaries**	Draft run reports, study summaries and grant updates from your own records, for scientists to edit.
05	**Protocol assistant**	Let staff ask how to run a method and get the steps from your own approved protocols.

FOR INSPIRATION

AI-native ideas to get you thinking

Examples only, to show what AI-native work can look like. They are not part of the package scope or a promise of what we will build; your POC is agreed with you.

A check before every run

TODAY

A scientist eyeballs the sample sheet and hopes nothing clashes until the results come back.

AI-NATIVE

Before loading, the sheet could be checked for clashes and typos, with any problem shown in plain words to fix.

Answering a re-analysis request

TODAY

Staff search old folders and emails to work out which files belong to which samples and study.

AI-NATIVE

A scientist could ask which runs match a study and get a list of files, samples and consent status to review.

Grant and partner updates

TODAY

Leads rebuild progress and spend for each milestone from notebooks, emails and memory.

AI-NATIVE

A first draft of each update could be pulled from lab records and timesheets, ready for the lead to check and edit.

ALGOSHRED TECHNOLOGIES

BIOTECH & GENOMICS · THREE PACKAGES

Your Launchpad

FIXED FEE, AGREED SCOPE	Launch **$2,500** Small businesses 1–50 employees · 3–4 weeks	MOST POPULAR Accelerate **$7,500** Growing companies 51–500 employees · 5–6 weeks	Transform **$19,500** Larger organisations 501+ employees · 8–10 weeks
Teams we work with	1 team	3 teams	6 teams
AI opportunities assessed	Up to 5	Up to 10	Up to 20
Working proof of concept	1 simple POC	1 connected POC	1 advanced POC
AI-native roadmap	6-month plan	12-month plan	18-month plan
Team training	1 session	2 sessions	4 sessions
Follow-up review	30 days after	30 days after	30 days after

EVERY PACKAGE INCLUDES

- AI-native consultancy and roadmap
- One proof of concept you choose
- One Burdenoff product free for 3 months
- Budget and return-on-investment model
- Executive readout

WHAT YOU RECEIVE: 8 DELIVERABLES

01 **AI readiness scorecard**
02 **Opportunity map**
03 **Ranked use cases**
04 **One working proof of concept**
05 **AI-native roadmap**
06 **Budget and ROI model**
07 **AI governance starter kit**
08 **Executive readout**

PROOF OF CONCEPT

You choose the proof of concept

Pick one of our suggested ideas for your industry, or bring your own business problem. We check that it fits the package, agree what success looks like in writing, then build it with you.

Good to know: A proof of concept shows an idea working on real or sample data. It is not a production system; we scope the production version with you as a next step.

LAUNCH · $2,500

Protocol and SOP assistant

An assistant that answers lab questions from your approved protocols and SOPs, with the source shown, so staff stop hunting for documents.

SUCCESS MEASURE
Time to find the right protocol or answer

ACCELERATE · $7,500

Pre-run sample sheet checker

Automatic checks on sample sheets from your lab system before each run, flagging clashes and missing details to the team.

SUCCESS MEASURE
Runs with sample sheet errors caught before starting

TRANSFORM · $19,500

Lab data and consent catalogue

One searchable view of datasets, samples and consent status across teams, so data can be found, reused and shared with care.

SUCCESS MEASURE
Time to answer a data request and consent checks done

INCLUDED IN EVERY PACKAGE

Any one product, free for 3 months

Pick any live product from the Burdenoff portfolio and use it free for 90 days.

- One product per organisation
- 90 days in a row from activation
- Agreed seats and usage
- No automatic paid renewal
- Export your data at the end

GOOD FITS FOR BIOTECH & GENOMICS

LabsOfScience	Keep experiments, samples, datasets and protocols in one traceable record.
FluidGrids	Automate run checks, data hand-offs and report steps between teams.
BigConsole	Track run quality, sample throughput and project spend on live dashboards.

BIOTECH & GENOMICS · THE ROAD AHEAD

Your road to AI-native

STEP ONE: THE LAUNCHPAD

NEXT STEPS WE CAN TAKE TOGETHER

Months count from the end of your Launchpad.

NOW · 3–10 WEEKS

Launchpad

Map where lab time, samples and data get lost, prove one idea on real records and agree a costed roadmap.

NEXT · MONTHS 1–3

Roll out the first win

Take the proven idea into daily use across more instruments and teams, with training and clear owners.

THEN · MONTHS 4–9

Connect the lab

Link sample, run, analysis and consent records so every scientist works from the same trusted data.

LATER · MONTHS 10–18

Run AI-native

AI helpers become part of daily lab and data work, measured and improved each month.

> The Launchpad is step one: it shows the real value of going AI-native in your own business. Rolling out, scaling and running AI day to day are later steps. You decide if and when to take them, with us or anyone else.

THE FIRST 100 DAYS

Your package takes 3–10 weeks of this. The rest is your team trying the POC, deciding and preparing, with our 30-day follow-up.

DAYS 1–15

Discover

Talk to your people, measure today's costs and check AI readiness.

DAYS 16–30

Prioritise

Pick the highest-value ideas, review the risks and agree the POC.

DAYS 31–60

Prove

Build and test the proof of concept with your team.

DAYS 61–75

Plan

Finish the roadmap, budget, operating model and estimated return.

DAYS 76–100

Decide

Review results, train owners and choose what to invest in next.

HOW WE MEASURE SUCCESS

- **Runs lost to set-up errors**
- **Time to find and reuse a past dataset**
- **Time to answer a data access request**
- **Hours spent writing reports and updates**

HANDLE WITH CARE

- Scientists sign off every result and report; anything that reaches a patient follows your clinical lab's own review.
- Treat genetic and patient data as highly private: limit access and keep it out of public AI tools.
- Check consent before each use of samples or data, and act promptly when consent changes or is withdrawn.

YOUR PROTECTIONS

- ✓ **Fixed fee for an agreed scope**
- ✓ **Written success criteria for the POC**
- ✓ **A named engagement lead**
- ✓ **Weekly progress updates**
- ✓ **Your data rights written into the contract**
- ✓ **Tool advice based on fit, not on what we sell**
- ✓ **No access to live systems without your approval**
- ✓ **Clear exit and data export at any point**

START HERE

Book a free AI consultation

A 30-minute call about your business. Serving businesses worldwide, with a presence in India, the USA and the UAE.

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Fixed fees in US dollars. Taxes and third-party usage (for example AI model or cloud charges) are extra and always agreed in writing first. Return estimates are scenarios built from your own numbers with the assumptions written down. They are not guarantees.