



10th Seed Congress of the Americas

Promoting the Seed Business
in the Americas





NANOJUMP BIO

Enabling genetic extraction
of anything, by anyone, anywhere.

The power of a lab, now in your hands.





From Field to Lab: The Hidden Logistics Challenge



📋 Regulatory barriers

🕒 Microbial changes

❄️ Requires refrigeration



📋 Regulatory barriers

🚫 Requires drying



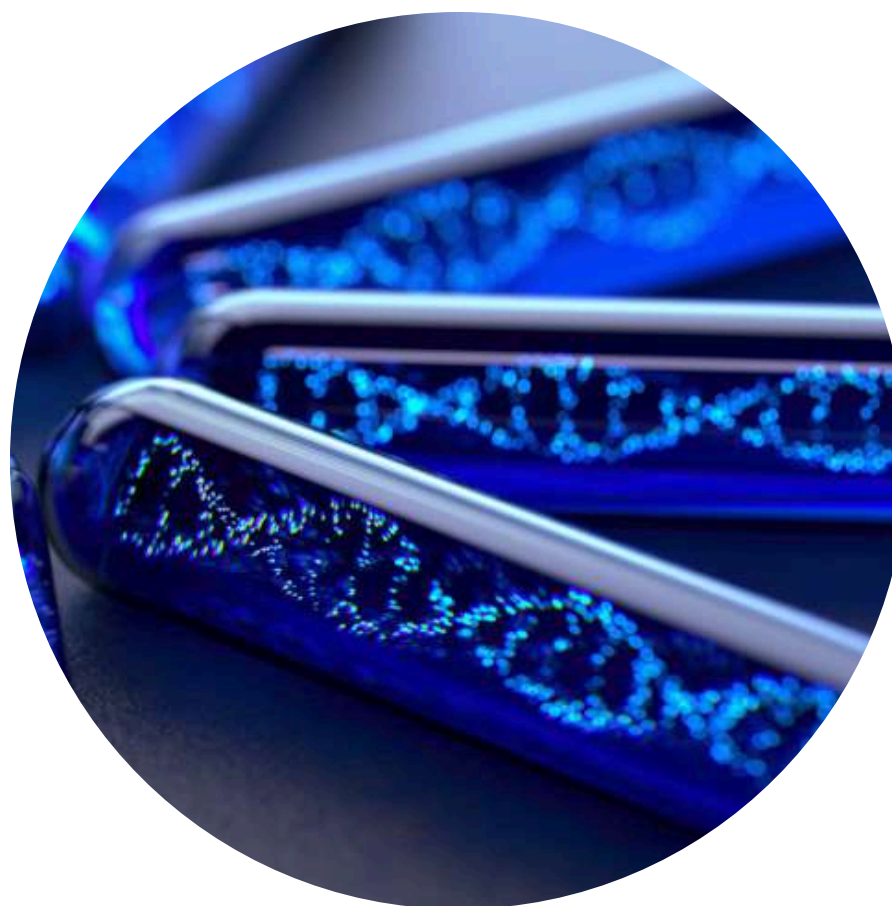
📋 Regulatory barriers



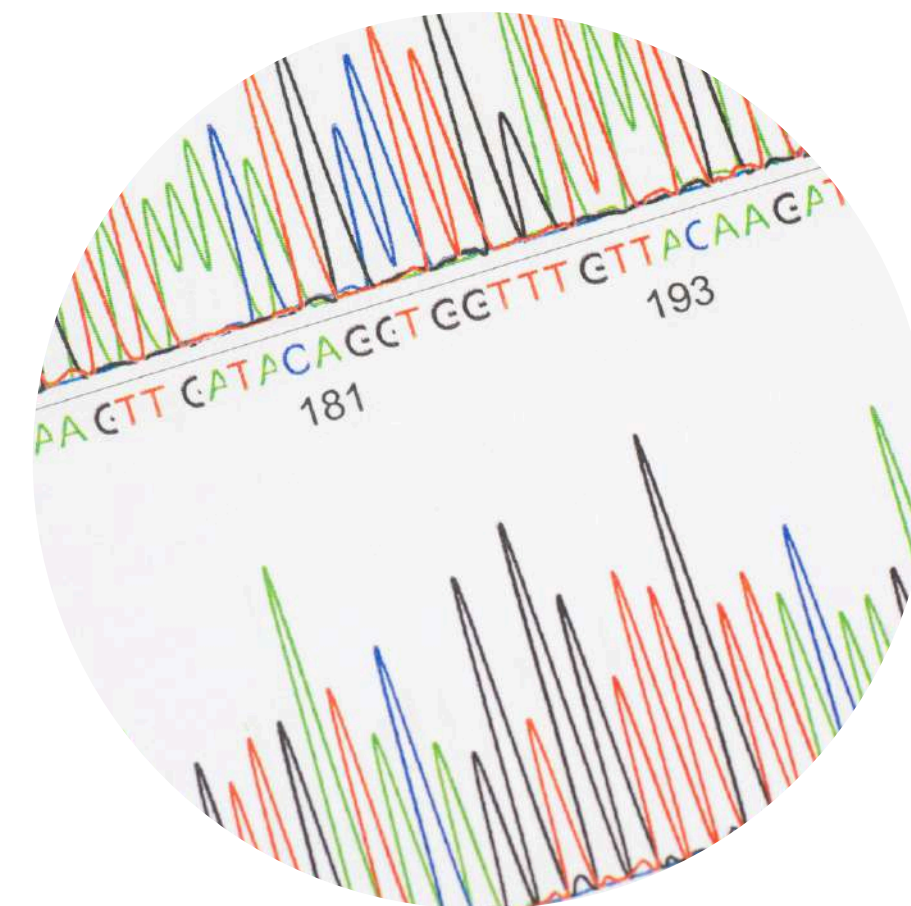
Using genetic material



SAMPLING



DNA/RNA
EXTRACTION

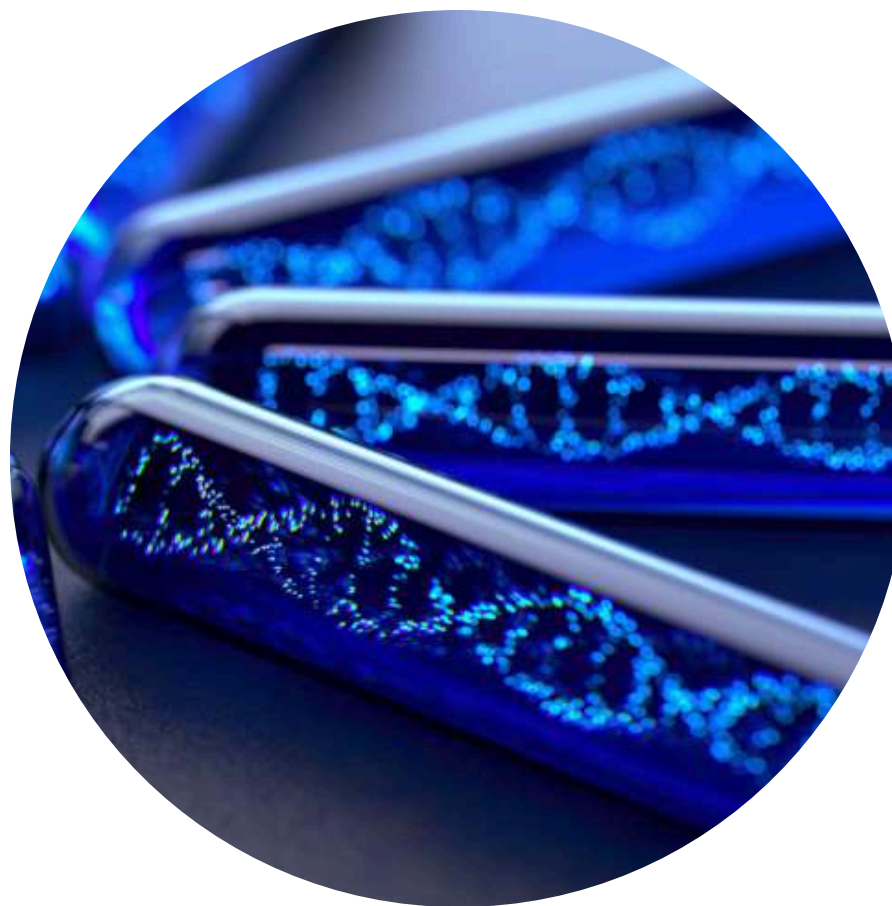


ANALYSIS:
PCR
SEQUENCING

Using genetic material



SAMPLING



DNA/RNA
EXTRACTION
Bottleneck



ANALYSIS:
PCR
SEQUENCING

Meet the BioGo Pro:



Easy-to-use



Biosafe



Portable



Affordable



GET PURE DNA/RNA IN 3 SIMPLE STEPS



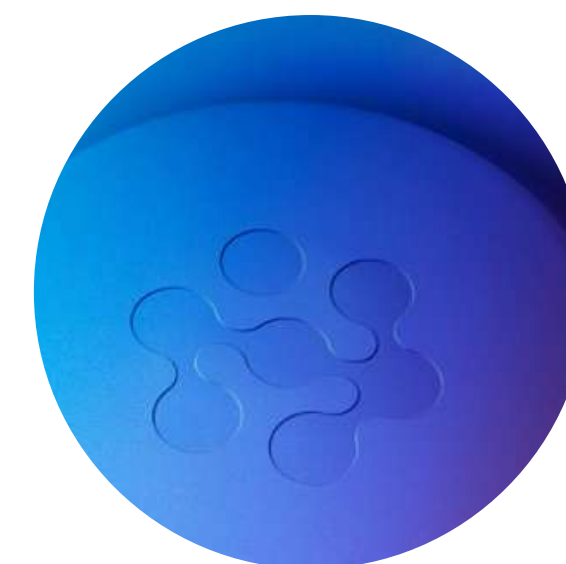
Insert the cartridge



Add the sample



Press a button



Leaves

- Prevents sample deterioration
- Reduced logistical costs
- Time savings
- Simplified regulatory requirements



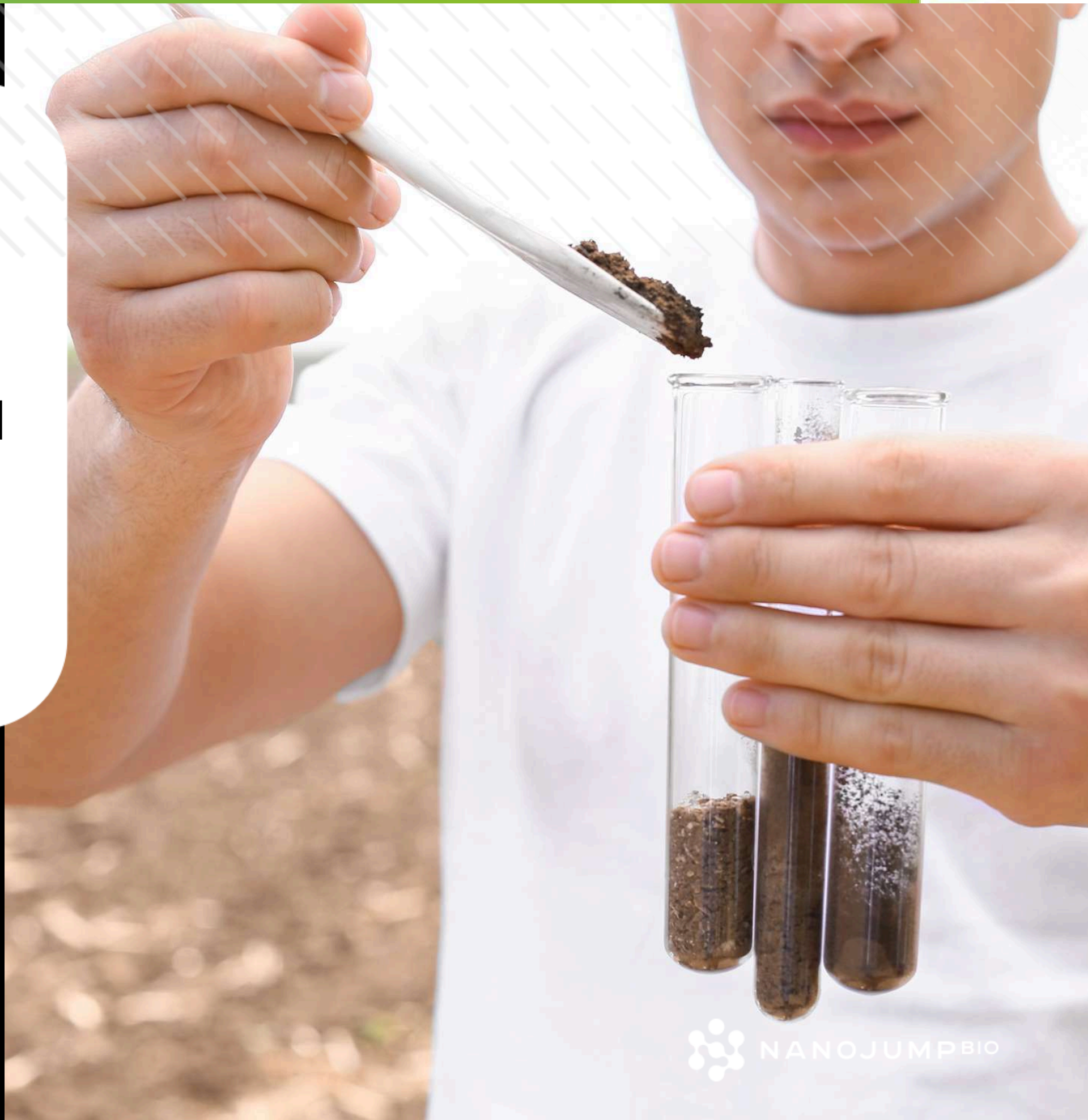
Seeds

- Reduced sample volume and weight
- Lower labor demand
- Reduced operational costs



Soil

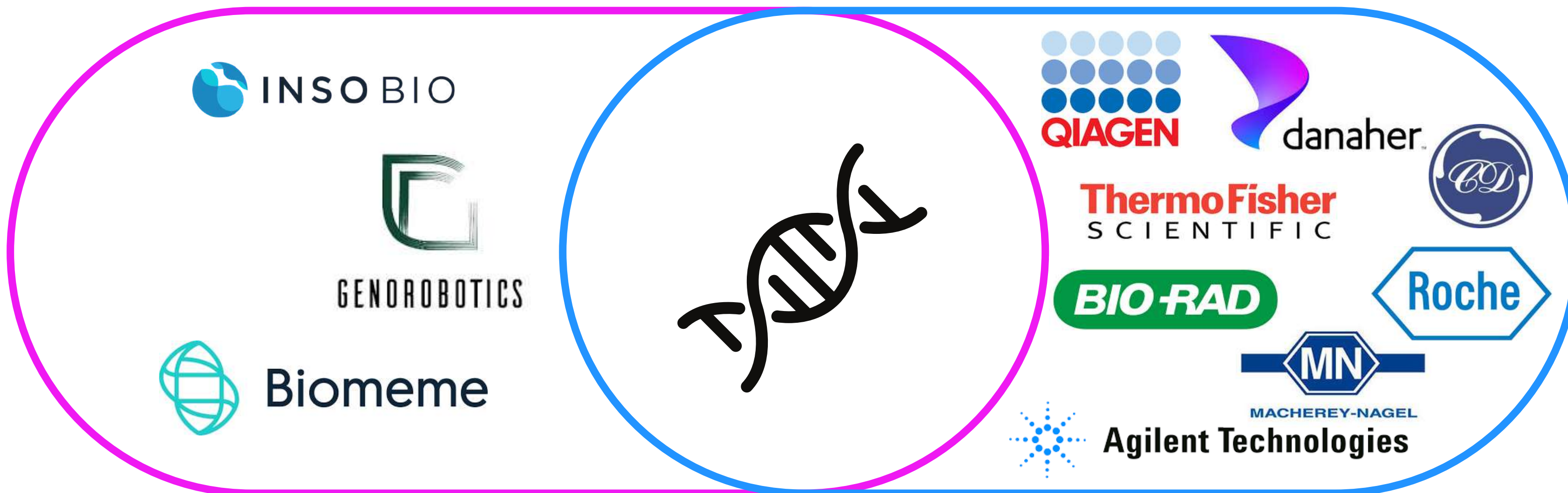
- Accurate representation of the microbiome
- Lower costs through simplified logistics and optimized decisions
- Simplified regulatory requirements





Portable Genetic Extraction:
Growing demand across multiple industries

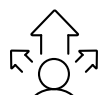
Competitors



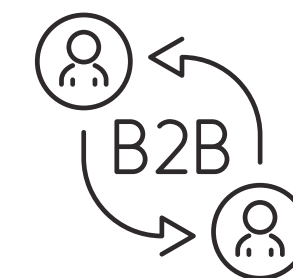
**Unconventional solutions
(On-site extraction)**

**Conventional solutions
(Lab-based extraction)**

NanoJump vs Unconventional Competitors

	 NANOJUMPBIO	 Biomeme	 INSO BIO	 GENOROBOTICS
 Automatic	✓	✗	✓	✗
 Cable-free	✓	✓	✗	✗
 Non-expert friendly	✓	✗	✓	✗
 All sample types	✓	✓	✗	✗
 All downstream uses	✓	✓	✗	✓
 Cheap	✓	✗	?	✓

Business Model



Razor & Blade model

B2B sales of portable devices and consumables (disposable cartridges).



Recurring Revenue

Subscription-based cartridge supply service.



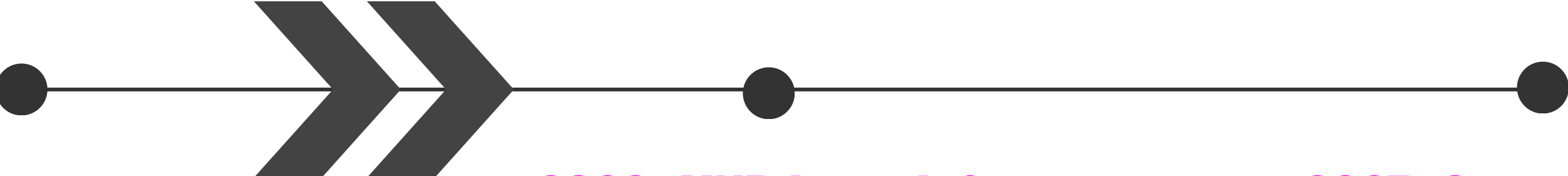
Target Clients

1st stage: Agricultural companies specializing in crop breeding, agrochemicals, and biotechnology, as well as advisors and precision agriculture firms.

Additional Services

Data analysis, training, technical and scientific support, customization services.

PHASES TOWARD VALIDATION AND SCALE-UP



2025: MVP Finalization

We've developed and tested multiple prototypes and are now iterating to finalize a functional MVP for field use. A patent application has already been filed to protect our technology.

2026: MVP Launch & Early Validation

Deploying the first integrated version for real-world testing with early adopters

2027: Go-to-Market & Manufacturing Readiness

Securing regulatory steps, closing early sales, and preparing for small-scale manufacturing.

LET'S STAY CONNECTED

- Schedule a 1:1 conversation to explore fit
- Join as an early validation partner
- Explore co-development opportunities
- Let's design collaboration that works for you





Julieta Imperiale
FOUNDER & CEO

Pharmacist - PhD
Industrial Property Agent



Darío Iglesias
CSO

Pharmacist - PhD
Biochemist



Leonardo Zanazzi
CFO

Economist



Carlos Becco
ADVISOR



 Meet our team



NANOJUMP^{BIO}

Thank you

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