



Leadership team



Dr. Lucas Lieber
CEO, Founder



Diego Angelo
Global Head of Business



Dr. Hugo Permingeat
Scientific Advisor, Founder

Product

Non-GMO Weed Management Systems

Global Market

USD 2,000M

Strategic Partners

- Albaugh
- Argenetics Semillas
- GDM
- Gensus
- Pilagá

Potential partnerships

- Seed companies
- Agrochemical companies
- Agbiotech companies

Established: 2016

Locations

Rosario (SF), Argentina
Saint Louis (MO), USA

Capital Raised

USD 7,1M

Fundraising Target

USD 4M

Contact



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Empowering Crops™ for Weed Control

Mission

Transform weed control through non-GMO, genetically optimized traits that unlock higher productivity and sustainability for farmers worldwide.



The Challenge

- Resistant weeds threaten yields and raise production costs.
- Conventional herbicides can harm crops and the environment

Our Solution

BioHeuris delivers herbicide-tolerant traits developed **50 % faster and at 1/10 th the cost** of transgenic approaches, enabling low-dose herbicide programs that protect crops and the planet.

Flagship Traits

Trait	Crop	Value Proposition
	Sorghum	First non-GMO tolerance to multiple ALS herbicides—more weed-control options
StrigOUT™	Sorghum	Seed-treatment system that shields African farmers from the parasitic weed <i>Striga</i> .
	Rice	Enables Direct-Seeded Rice systems, reducing water, labor & greenhouse-gas emissions.

Heuristic Mutagenesis™ Platform

An integrated pipeline that compresses the trait-development cycle:

1. **HEURIK™** uses evolution-guided discovery to mimic selection pressure and identify elite gene edits in days.
2. **SWAP™** DNA-free mutagenomic breeding delivers precise changes without foreign genes.
3. **ENRAS™** Rapid phenotyping validates efficacy, dose-response and field fitness.

Impact Highlights

- ↑ **Crop Yields:** Less weed competition, more grain.
- ↓ **Herbicide Load:** Low-dose mixes cut application rates.
- **Longer Tech Lifespan:** Multi-mode tolerance delays resistance

Focus Crops

Soybean | Sorghum | Cotton | Rice

with tailored partnerships across seed and chemical companies.