

The problem

For over a century, petrochemistry has fueled great progress, but at a cost: relying on aggressive, flammable, and toxic compounds that affect both consumers and productive systems. Plants must be designed and operators must function under constant alert and restrictions, while fragile fossil supply chains expose industries to geopolitical shocks.

However, its main drawback is that our current chemistry's design space is limited to fossil molecules, reducing it to a finite number of compounds and functions.

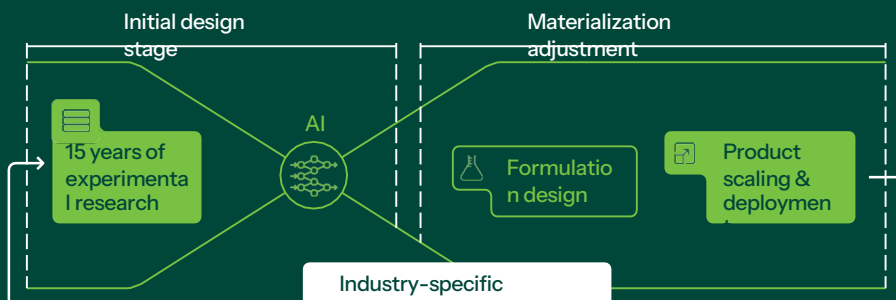
The solution

Biological systems are not made of single molecule environments: they are based on interactions and mixes, in sharp contrast to petroleum's extractive logic of purification.

At Bioeutectics we apply biomimetics to emulate how nature designs its own solvents. After 15 years of research, we have unlocked the ability to rationally design natural eutectic systems, the ones that allow plants and microorganisms to survive in extreme conditions. These molecular configurations generate emergent physicochemical properties and we have cracked the way of tuning them, enabling precise formulation design in areas like food tech, personal care, Agtech and Green tech.

To minimize friction and maximize adoption rate, our approach is integrative: we work side-by-side with clients to adapt formulations to their processes, feeding every result back into our proprietary database and accelerating discovery through a growing design flywheel.

Our flywheel is iterative: every solution delivered makes the next one faster, cheaper, and more efficient.



Mimic

Drop-in formulations that integrate with minimal friction. For example: Greener and safer DPG replacement in perfumery.

Better

Formulations that don't just match, but outperform. For example: Agents that increase principal active extractions.

Beyond

Formulations that achieve the unprecedented. Nylon, for the first time, fully solubilized within the textile industry.

Funding

We are looking for \$25M Series A to scale Bioeutectics. With emergent eutectic chemistry and 20+ products in global pilots, we expand capacity and lead the post-petrochemical era.

Tomás Silcaro

CEO & Founder

tsilcaro@bioeutectics.com
+54 9 11

Already working with us



Investor ecosystem

