
Who we are

Zymergen is a science and material innovation company rethinking biology and reimagining the world. A World Economic Forum Tech Pioneer, Zymergen partners with nature to create never-before imagined materials and products across industries—from agriculture to electronics, personal care to pharmaceuticals, and more. Using a powerful combination of biology, machine learning, data science and automation, the company’s proprietary metagenomic library helps catalyze new discoveries. Zymergen’s revolutionary process produces better performing bio-based materials in a way that is faster, less expensive, more efficient and more sustainable for Fortune 1000 companies and major corporations across the globe. Its partners have sold over \$1 billion worth of products using Zymergen microbial innovations. For more information visit: www.zymergen.com.

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About us—fast facts

- Founded in 2013 by Zach Serber, Jed Dean and Josh Hoffman
 - Headquartered in Emeryville, CA with additional locations in Seattle, Boise, Boston, and Tokyo
 - Approximately 750 employees, globally; some of the world’s best biologists working alongside software and automation engineers and ML experts
 - Over \$1 billion in funding raised to date from a variety of global investors
 - Leading company in non-therapeutic applications of synthetic biology
 - Comprehensive IP portfolio for novel new materials and processes: 14 patents issued to date
 - One of the world’s largest metagenomic libraries: 6 billion data points; 200 million proprietary genes; 2.3 terabases and over 1M natural product clusters
 - Some of the most advanced lab automation systems in world, with modular infrastructure and equipment that allows lab re-configuration in minutes, reducing downtime and dramatically increasing throughput
 - Proprietary software language for translating design ideas into platform instructions for strain edits, and production-level machine learning algorithms that generate new discoveries and optimized strains
 - Largest installed base of lab-scale fermenters in North America
 - Proven and scaled material innovations that are transforming the electronics, agriculture and consumer products spaces, with over \$1 billion of product containing our innovations sold to date and new innovations emerging every month for applications across industries
 - Exceptional governance and management: the Zymergen board of directors includes domain experts from across the biology, pharmaceutical, academic, technology and investment communities
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What makes us unique—we discover, design and scale novel new materials at unprecedented speed

Our founding principle: we partner with nature

- Biology is the most powerful manufacturing system in the world
- The opportunities to harness the biological world are almost limitless, which provides an equal breadth of opportunity for different industries
- Our approach to material creation is all natural, using dramatically fewer petro-based chemicals
- Our materials and processes are environmentally sound and better for the planet and people than many traditional petro-chemical derived products

Our solutions are technically & technologically advanced

- We own one of the largest DNA (metagenomic) libraries on the planet
- We realize results that are near impossible to achieve without the use of our platform, which uses powerful machine learning and AI capabilities to unlock and use biology as a source material
- We have advanced, configurable robots and automation processes to run high-throughput R&D
- As the platform grows so do the possibilities for new products—it's a compounding/accelerating discovery process

Our solutions are functional and real

- Typically faster to make and shorter time to value than many petro-chem derived materials
 - We can make specialty bio-based products at different scales for different applications
 - Solving real partner, customer and global challenges in a number of industries – ranging from agriculture products to electronics
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