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NanoSpun

The NanoSpun Biotech Revolution

Israel and USA based NanoSpun Technologies is pioneering the use of live and active cells and organisms to create products and solutions that are already disrupting industries and have the potential to improve the health, wellness, and quality of life of people across the globe.

“We live in a biotech century where the use of live and active cells is critical and extensive across many industrial sectors such as medicine, pharma, clean tech, wellness, and personal care,” says Ohad Bendror-Bendas, CEO and founder of NanoSpun Technologies. “Yet, the ability to use live and active cells on an industrial scale has faced significant challenges due to ongoing limitations in modern production technologies and processes.”

NanoSpun’s bio-printing and advanced materials platform technology has solved many of the biotech industry’s long-standing problems in the use, arrangement, and control over live cells and their performance. With the capability to create live and active cell-based products and solutions at an industrial scale, and a growing lineup of global companies as customers, NanoSpun is regarded as the world leader in their space.

“Our unique proprietary technology was advanced and scaled over a decade of intensive research, development and engineering activities,” says Ohad Bendror-Bendas. “With our amazing team and technology, we are well on the way to becoming the industry leader in the creation of live and active cell-based products and solutions in the skincare, health, and bioprocessing industries.”

NanoSpun is currently focused on developing ground-breaking solutions for the next generation of advanced probiotic skincare and skin health. “Over the past decade, there has been increasing industry interest in the skin microbiome and the importance of skin probiotics in skin

health, yet the actual delivery mechanism of live and active probiotics to the skin in effective concentrations and meaningful composition was previously unattainable,” says Ohad Bendror-Bendas.

NanoSpun has launched the industry’s first live and active probiotic skincare tissues to improve skin health and boost the skin microbiome. During 2023 and 2024, NanoSpun plans to launch a series of skincare products made from various strains of live and active probiotic tissues to support the skin microbiome and improve hydration, elasticity, and redness, and to modulate more specific skin conditions such as acne, eczema, aging, and UV damage.

Moreover, NanoSpun also plans to offer skincare companies the ability to create their own tailored versions of the live and active probiotic skincare tissues by combining their unique formulations with NanoSpun products.

“NanoSpun is delivering a true revolution in skincare treatment and opening the door for the next generation of skin health. We believe our products and solutions will become the new industry standard for probiotic and other live and active cell-based skincare,” says Ohad Bendror-Bendas.

The impact of NanoSpun’s technology goes far beyond skincare and skin health. As a deep-technology and an enabling platform, NanoSpun is bridging the power of biology and nature with prevailing and future industry needs. New ideas are being explored at a rapid pace in areas such as advanced medical and therapeutic applications, the production of medicines and vaccines, and advanced manufacturing of critical ingredients that can greatly improve human lives.

Within the bioprocessing industry, NanoSpun’s biology-as-cassette structure represents a new proprietary capability and standard for using live and active



Ohad Bendror-Bendas,
CEO and Founder

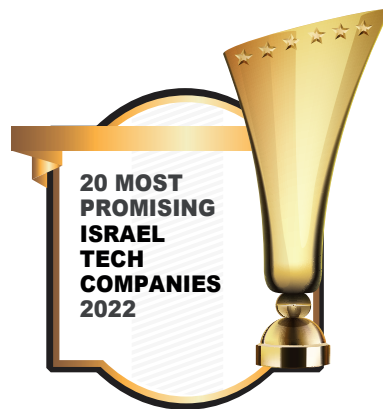


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cells in key manufacturing processes. As modern industrial production rapidly increases its dependency on the use of live cells, NanoSpun’s biology-as-cassette technology may become the fundamental tool in the production of a vast array of end products consumed by billions of people around the world.

“We are well on our way to achieving our mission of bridging the gap between the enormous opportunities of biology and the industrial usage of cells as products and end solutions,” says Ohad Bendror-Bendas. **OR**

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*The annual listing of 20 companies in Israel that are at the forefront
of providing Tech solutions and transforming businesses*

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