

# Biohacking Market Market 2024: SWOT Analysis by Top Key Vendors, Demand and Forecast Research till 2032

*Steady market revenue growth can be attributed to increasing prevalence of chronic diseases among geriatric population*

VANCOUVER, BRITISH COLUMBIA, CANADA, June 28, 2024 /EINPresswire.com/ -- The global [biohacking market](#) size was USD 21.5 Billion in 2022 and is expected to register a revenue CAGR of 19.3% during the forecast period. The global biohacking market is experiencing significant growth, driven by a combination of technological advancements and increasing prevalence of chronic diseases worldwide. This market growth is supported by factors such as the adoption of smart devices, advancements in medical sensors, and the rising demand for personalized healthcare solutions.



Biohacking, which involves altering biological systems through biological, genetic, and nutritional methods to enhance physical and mental well-being, is gaining traction globally. The practice plays a crucial role in the diagnosis, monitoring, and treatment of chronic conditions such as cardiovascular diseases (CVDs), cancer, and neurological disorders. These diseases continue to pose significant health challenges, with millions affected annually.

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In the United States alone, approximately 695,000 people died from heart disease in 2021, while cancer is expected to cause nearly 610,000 deaths in 2023. Neurodegenerative diseases like Alzheimer's and Parkinson's also affect millions globally, underscoring the urgent need for innovative healthcare solutions.

"The increasing awareness about biohacking and its potential to transform healthcare is driving

market growth," said a spokesperson for [Your Company/Organization]. "Technological innovations such as wearable sensors and smart devices are revolutionizing disease monitoring and management, making healthcare more accessible and personalized."

The market is witnessing significant advancements in wearable technologies that monitor vital signs like heart rate variability and blood oxygen levels. Companies like Biostrap USA and Dexcom are leading the charge with new wearable devices designed to improve health outcomes through real-time data insights.

Moreover, the gene editing and gene therapy segment within biohacking is poised for substantial growth, driven by technologies like CRISPR/Cas9. These innovations enable targeted genetic modifications for personalized treatments, potentially revolutionizing how diseases are managed and cured.

Despite these advancements, the biohacking market faces challenges such as the high cost of biosensors and regulatory hurdles. Stringent regulations, particularly from agencies like the U.S. Food and Drug Administration (FDA), require extensive testing and compliance, which can slow down product development and market entry.

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## Biohacking Top Companies and Competitive Landscape

The global Biohacking market is fairly fragmented, with many large and medium-sized players accounting for majority of market revenue. Major players are deploying various strategies, entering into mergers & acquisitions, strategic agreements & contracts, developing, testing, and introducing more effective Biohacking solutions.

Some major players included in the global Biohacking market report are:

Apple Inc.

Fitbit

The ODIN

MOODMETRIC

Thync Global, Inc.

Thriveport, LLC

Muse

Synbiota

TrackMyStack

Grindhouse Wetware

Synthego

Pavlok

Biohacker Center Store

Nuanic

Health Via Modern Nutrition (HVMN)

OsteoStrong

Intelligent Implants

Hexoskin

Ōura Health Oy.

Empatica Inc.

Biohacking Latest Industry Updates

On 6 July 2023, VivoSense announced partnership with Cambridge Cognition, a leading technology company enhancing the assessment of cognition for healthier brain health to capture measures of cognitive and physical function using digital health tools designed to study and validate real-world monitoring of physical function in patients with Alzheimer's disease captured passively via wearable sensors.

On 3 July 2023, CENTR, a brand specializing in premium functional beverages containing CBD announced the expansion of its portfolio with CENTR Enhanced sparkling water that contain nootropics and other natural ingredients to enhance cognitive function and boost mood.

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<https://www.emergenresearch.com/industry-report/biohacking-market>

## Biohacking Market Segment Analysis

For the purpose of this report, Emergen Research has segmented global Biohacking market on the basis of Product Type, Type, Application, End-Use, and region:

Product Type Outlook (Revenue, USD Billion; 2019-2032)

Sensors

Wearables

Implants/ Chips

Mobile Apps

Smart Drugs

Gene modification Kits

DIY Biology Kits

Biohacking Accessories

Gene Editing Tools

Strains

Others

Type Outlook (Revenue, USD Billion; 2019-2032)

Inside Biohacking

Outside Biohacking

Application Outlook (Revenue, USD Billion; 2019-2032)

Medical Diagnostics and Monitoring

Genetic Editing and Gene Therapy

Cognitive Enhancement of Mental Performance

Drug Testing

Forensic Science

Research

End-Use Outlook (Revenue, USD Billion; 2019-2032)

Pharmaceutical and Biotechnology Companies

Forensic Laboratories

Research and Academic Institutes

Hospitals and Clinics

Others

Regional Outlook (Revenue, USD Billion; 2019-2032)

North America

U.S.

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Spain

Benelux

Rest of Europe

Asia Pacific

China

India

Japan

South Korea

Rest of APAC

Latin America

Brazil

Rest of LATAM

Middle East & Africa

Saudi Arabia

UAE

South Africa

Turkey

Rest of MEA

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