

DEEP
KNOWLEDGE
GROUP

Longevity Industry in Miami Landscape Overview

February 2024

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Introduction

As the world stands on the brink of a Longevity revolution, Miami emerges as a vibrant epicenter for this transformative movement. This platform, [The Longevity Industry in Miami](#), crafted by Deep Knowledge Group, offering an incisive glimpse into Miami's burgeoning role within the global Longevity landscape. Through this exploration, we unravel the intricate tapestry of innovation, investment, and interdisciplinary collaboration that positions Miami as a burgeoning hub for longevity science and technology.

Our journey navigates through the city's dynamic ecosystem, revealing how it is shaping the future of healthcare, wellness, and human longevity. This document, along with its online platform, is designed to illuminate the pathways through which Miami is not just participating in but is poised to lead the global march towards extending healthspan, underscoring its strategic importance in the longevity industry's global narrative.

Introduction

The Longevity Industry in Miami is poised to become a pivotal chapter in the global narrative of healthspan extension and the broader application of DeepTech innovations to healthcare. This document, and its accompanying online platform by Deep Knowledge Group, represents a comprehensive dive into Miami's burgeoning ecosystem of longevity science and technology. It leverages Deep Knowledge Group's extensive expertise in analyzing and forecasting the evolution of DeepTech and longevity sectors globally, to shine a spotlight on Miami's unique position in this transformative industry. Miami is emerging as a significant hub for the longevity industry, propelled by a confluence of favorable factors including a growing cluster of biotech startups, cutting-edge research institutions, and a vibrant investment landscape. This city's ascent in the longevity sector is underpinned by its strategic geographic location, which bridges North American innovation with Latin American and Caribbean markets, fostering a dynamic and diverse ecosystem for longevity science and technology.

Deep Knowledge Group, with its rich heritage of providing sophisticated analytics, big data visualizations, and strategic insights across various DeepTech domains, including AI, FinTech, and GovTech, now turns its analytical lens towards Miami. The Longevity Industry in Miami document and platform aim to map out the current state of the longevity sector in the city, identifying key players, from startups to established corporations, investors, R&D hubs, and policy makers who are collectively shaping Miami's longevity landscape.

The document will delve into the multi-dimensional framework that defines the longevity industry, encompassing not just biotechnology and pharmaceuticals, but also areas like regenerative medicine, wellness and preventive healthcare, AI-driven diagnostics and therapeutics, and financial instruments tailored to the longevity economy.

Introduction

Miami's role in this ecosystem is multifaceted, acting as a crucible for innovation, a testbed for groundbreaking therapies and technologies, and a marketplace for longevity-focused financial products and services.

Deep Knowledge Group's analysis is not just descriptive but also prescriptive, offering insights into the pathways Miami can leverage to ascend further as a global leader in the longevity sector. This includes recommendations for fostering a more conducive regulatory environment, enhancing public-private partnerships, and capitalizing on Miami's cultural and economic links to Latin America to spearhead regional initiatives in longevity.

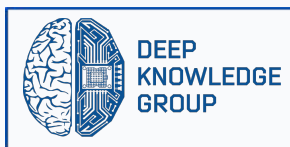
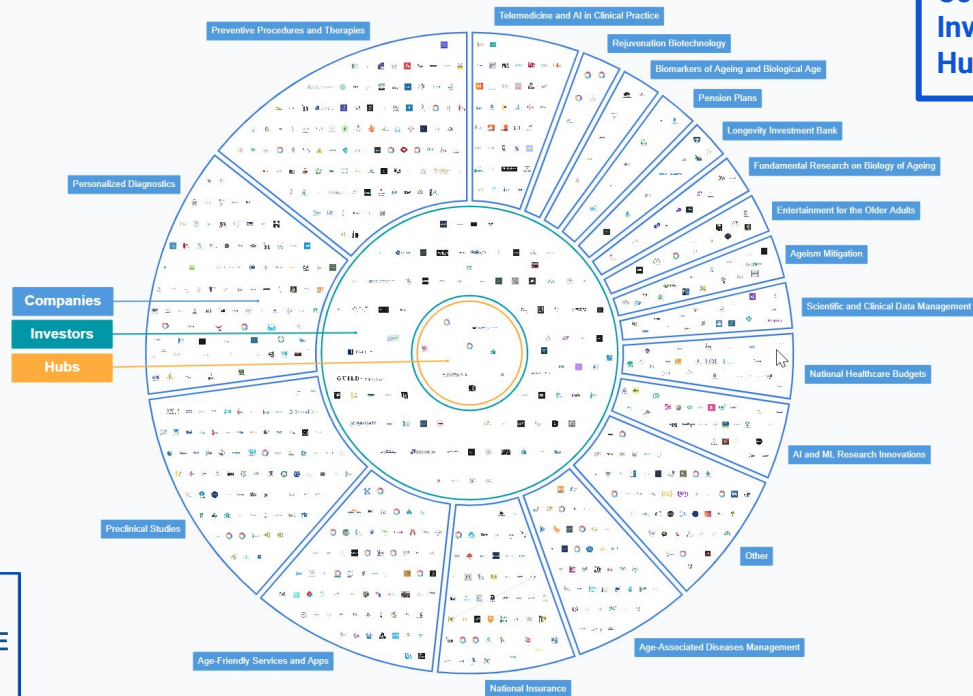
Furthermore, the document will highlight how Miami's longevity industry can contribute to and benefit from global trends and developments in the field. This includes the role of AI and blockchain in enhancing healthcare delivery and governance, the importance of cross-disciplinary collaboration, and the potential for Miami to contribute to global longevity policy and governance discussions.

In conclusion, The Longevity Industry in Miami document and online platform by Deep Knowledge Group is a testament to Miami's emerging importance in the global longevity landscape. It serves as a beacon for entrepreneurs, investors, scientists, and policymakers, guiding them through the opportunities and challenges of this nascent yet rapidly evolving sector. Through detailed analysis and strategic insights, Deep Knowledge Group not only charts the current landscape but also outlines a vision for Miami's future at the forefront of the global quest for enhanced healthspan and longevity.

Longevity Industry in Miami

Platform Overview

Platform Overview



Source: [Longevity Ecosystem in Miami - Interactive Mindmap](#)

Platform Overview

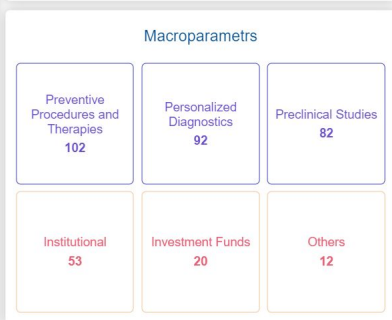
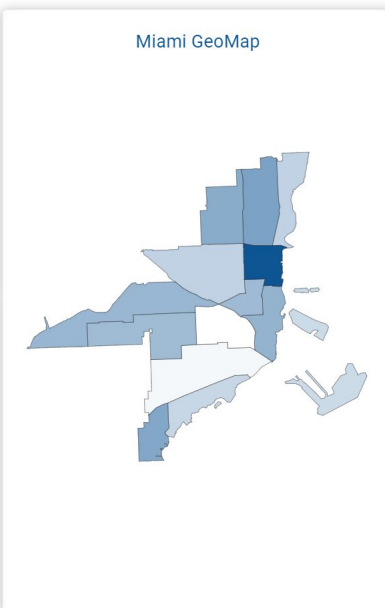
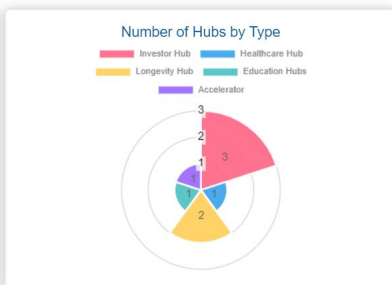
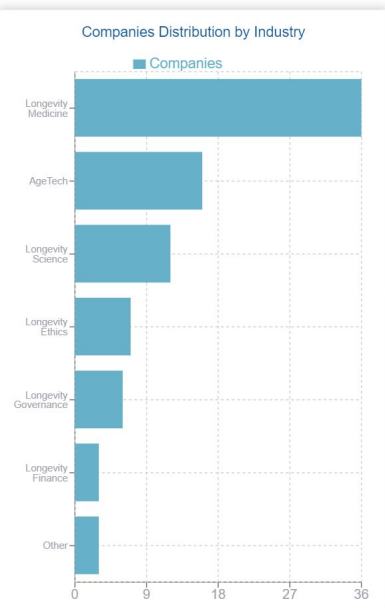
Longevity in Miami

Companies
655

Leaders
185

Total Investors
85

BETA VERSION



The Longevity Ecosystem in Miami platform acts as a comprehensive map for the field of Longevity, showcasing over **655 companies**, **85 investors**, and **8 hubs** across diverse sectors like HealthTech, AI, and finance.

Its unique blend of profiles, mindmaps, and databases fosters collaboration and innovation, driving advancements not just in Longevity, but also impacting fields like manufacturing, real estate, and beyond. The creation of a strong Longevity ecosystem in Miami depends on the cooperative efforts of businesses, governments, and hubs, which are represented on this platform.

Source: [Longevity Ecosystem in Miami](#)

Longevity Industry in Miami Summary

Miami Longevity Companies by Sectors

<input type="radio"/> Personalized Diagnostics and Preclinical Studies	174
<input type="radio"/> Longevity Investment	102
<input type="radio"/> Preventive Procedures and Therapies	75
<input type="radio"/> Age-Associated Diseases Management	50
<input type="radio"/> National Insurance	45
<input type="radio"/> AI and ML Research Innovations	39
<input type="radio"/> Telemedicine and AI in Clinical Practice	35
<input type="radio"/> Other	135



Miami Longevity Companies by Industry

<input type="radio"/> Longevity Medicine	280
<input type="radio"/> Longevity Science	149
<input type="radio"/> AgeTech	88
<input type="radio"/> Longevity Governance	80
<input type="radio"/> Other	58



Focus Area of Investors

<input type="radio"/> Technology - oriented Investor with Venture Investment Focus	73
<input type="radio"/> Technology - oriented Investor with Specific Investment Approach	4
<input type="radio"/> Investors with Large AUM (Assets Under Management)	1
<input type="radio"/> Other	7



Investors by type

<input type="radio"/> Investment Fund	55
<input type="radio"/> Institutional Investors	20
<input type="radio"/> Other	10



Investors by Money Investment

<input type="radio"/> Medium Investments	55
<input type="radio"/> Small Investments	4
<input type="radio"/> Other	26



Longevity Hubs in Miami

<input type="radio"/> Longevity Science	7
<input type="radio"/> Longevity Medicine	1



Source: [Longevity Ecosystem in Miami](#)

Longevity in Miami Knowledge Hub **Beta Version**

Scientific & IT Resources

20 AI Books
20 AI Journals
200 AI Articles
15 AI Benchmarks
40 AI Reports
40 AI Databases
10 AI Software
20 AI Models

Education & Collaboration

20 Conferences in Miami
20 Workshops in the Miami
20 Miami Certification Programmes
20 Miami University Programs
20 Online Courses in the Miami
20 Lectures by Miami Leaders
20 Miami Research Projects
20 Scholarship Funds in the Miami

Media & Trends

30 Miami Leaders Interviews
25 Podcasts by Miami experts
50 Miami Blogs
500 News in the Miami
100 Social Networks in the Miami
10 Market Trends in the Miami
10 Miami Diversity Trends
10 Women Leading the Field

Rankings & Top Leads

655 Miami Longevity Companies
185 Longevity Leaders
85 Investors
8 Hubs
10 Miami Cities
30 Consulting Services in the Miami
40 Startups in the Miami
20 Miami Universities

Online Communities

20 LinkedIn
20 Facebook
10 Reddit
10 GitHub
10 Quora
10 Twitter
10 Discord
10 Other Forums

Source: [Longevity Ecosystem in Miami](#)

Longevity Industry in Miami

Current State

Longevity Industry Framework



Longevity Medicine

Personalized
Diagnostics

Preventive Procedures
and Therapies

Age-Associated
Diseases Management

Personalized *in vivo*
and *in silico* Drug
Testing

Therapy Efficiency
Monitoring

Telemedicine and AI in
Clinical Practice

Longevity Finance

Longevity Index Fund

Longevity Hedge Fund

Longevity Stock
Exchange

AgeTech Bank

Longevity Derivatives

Longevity Investment
Bank

Longevity Science

Rejuvenation
Biotechnology

Biomarkers of Ageing
and Biological Age

Scientific and Clinical
Data Management

Fundamental Research
on Biology of Ageing

Preclinical Studies

AI and ML Research
Innovations

AgeTech

Elderly Life
Management Tech

Cognitive
Enhancement

Smart Homes

Age-Friendly Services
and Apps

Family Coordination
Approaches

Entertainment for the
Older Adults

Longevity Governance

Pension Plans

Longevity
Development
Strategies

National Insurance

National Healthcare
Budgets

Age-Friendly Cities

Longevity-Progressive
Nation-States

Longevity Ethics

Ageism Mitigation

Healthcare as a Basic
Human Right

Logistical Effects of
Longevity

Civil Participation in
Decision-Making

Social Inclusivity

Age-Friendly
Environment

Longevity Industry in Miami: Key Types of Hub

University Research Institutes: Institutions like the University of Miami's Miller School of Medicine, which could host specialized centers for aging research, focusing on gerontology, regenerative medicine, and longevity biotechnologies.

Biotech Startups: Miami's thriving startup ecosystem likely includes companies focused on longevity-related biotechnologies, AI for healthcare, and regenerative medicine, benefiting from local accelerators and incubators.

Healthcare Systems: Major hospital systems and healthcare providers in Miami, incorporating cutting-edge longevity treatments and research into their services, such as Baptist Health South Florida or Miami Cancer Institute, which could be involved in clinical trials and innovation in longevity medicine.

Investment Funds: Financial institutions and venture capital firms in Miami, specializing in biotech and healthcare innovations, such as Krillion Ventures or Rokk3r Fuel ExO, which invest in longevity and related sectors.

Non-Profit Organizations: Entities focused on aging and longevity research and advocacy within the Miami area, potentially including chapters of national organizations or local initiatives aimed at community health and longevity education.

Tech Hubs and Co-Working Spaces: Places like CIC Miami (Cambridge Innovation Center) or The LAB Miami, which provide collaborative environments for startups, including those working on longevity technologies and digital health solutions.

Legal and Regulatory Advisory Firms: Miami-based legal practices with expertise in biotech, healthcare regulation, and intellectual property, guiding startups and established companies through the complexities of the longevity industry.

Government and Policy Think Tanks: Local government initiatives or policy research organizations in Miami focusing on healthcare innovation, aging populations, and supporting the growth of the longevity industry through regulations and public-private partnerships.

Longevity Industry in Miami: Examples of Longevity Hubs



University of Miami Leonard M. Miller School of Medicine

This institution is a leader in medical research and education, potentially contributing to longevity through its innovative research in genetics, regenerative medicine, and age-related diseases. It serves as a crucial academic hub, fostering a new generation of medical professionals and researchers dedicated to extending human healthspan.

Scripps Research Institute - Florida Campus:

Although more broadly focused on biomedical research, Scripps Florida's work in drug discovery and development can significantly impact the longevity industry by identifying therapeutic targets for age-related diseases, thus contributing to the ecosystem from a commercial and R&D perspective.

Miami Jewish Health

As a comprehensive healthcare system, Miami Jewish Health embodies the integration of innovative geriatric care and research, potentially participating in clinical trials and implementing novel therapies aimed at improving the quality of life for the elderly.

Endeavor Miami

This affiliate of the global Endeavor organization supports high-impact entrepreneurs, including those in the biotech and health sectors, providing a crucial commercial and networking hub that could propel startups in the longevity space.

Longevity Industry in Miami: Key Hubs



Greenberg Traurig, LLP

With a significant presence in Miami, this law firm offers extensive services in healthcare and life sciences law, aiding companies navigating the complex regulatory environment of the longevity industry, thus serving as a key legal and regulatory advisory hub.



CIC Miami (Cambridge Innovation Center)

CIC Miami provides co-working space and a vibrant community for entrepreneurs, including those in the digital health and longevity sectors, encouraging innovation and collaboration within the tech hub category.



Knight Foundation

While known for its broad philanthropic efforts, the Knight Foundation has shown interest in supporting community health and innovation in Miami, potentially impacting non-profit initiatives focused on longevity and public health education.



Miami-Dade County's Office of Economic Development & International Trade

This government body could play a pivotal role in fostering the local longevity industry through policy support, funding initiatives, and creating partnerships between public and private sectors, acting as a think tank and policy hub.

Longevity Industry in Miami

Key Conclusions and Road Ahead

Obstacles and Solutions to Longevity Industry Development in Miami

Leverage Health Tourism Network: Miami's established reputation as a destination for health tourism may overshadow emerging sectors like longevity science. Utilize Miami's health tourism infrastructure to promote longevity science as a new area of expertise and attraction.

Competing Health Tourism:

Local Regulatory Complexity

Incentivize Co-Working Spaces: High costs of living and real estate can deter startups from establishing themselves in Miami compared to other locations. Encourage the development of affordable co-working and lab spaces dedicated to biotech and Longevity startups.

Real Estate Costs:

Incentivize Co-Working Spaces

Local Government Collaboration: Navigating Miami-Dade County's and Florida's regulatory landscape can be particularly challenging for new health technologies. Work closely with local government bodies to simplify regulatory paths specifically for longevity startups and research initiatives

University Partnerships for Talent: While Miami is culturally diverse and vibrant, it may lack a sufficient pool of local talent specialized in longevity science. Partner with local universities and colleges to develop specialized courses and internships in longevity science to build a skilled workforce.

History, Current State and The Road Ahead

Where is Longevity in Miami Headed?

History

Miami's journey into the Longevity sector began with leveraging its robust healthcare infrastructure and vibrant academic landscape. Early initiatives focused on aging research and the development of geriatric care models, capitalizing on Miami's diverse population to conduct impactful clinical trials. The presence of pioneering institutions, such as the University of Miami's Miller School of Medicine, laid a solid foundation for growth. These entities have been instrumental in driving forward research in regenerative medicine and age-related diseases, establishing Miami as an emerging hub for longevity science.

Current State

Today, Miami's Longevity sector is characterized by a dynamic blend of innovation, investment, and interdisciplinary collaboration. The city has attracted a significant amount of venture capital funding for biotech startups focusing on longevity, propelled by a supportive ecosystem that includes academic institutions, healthcare systems, and a growing number of tech accelerators. This vibrant environment fosters the development of advanced therapies and technologies aimed at extending healthspan, with several Miami-based companies leading the way in fields such as AI-driven diagnostics, regenerative medicine, and personalized healthcare solutions.

The Road Ahead

The future trajectory of Miami's Longevity sector is poised for significant expansion and global influence. With continued investment and strategic partnerships, Miami is expected to become a global center for longevity research and innovation. The convergence of biotechnology, digital health, and AI is likely to yield breakthroughs in personalized medicine and preventive care, potentially transforming healthcare delivery and aging. Furthermore, Miami's strategic position as a gateway to Latin America could facilitate the spread of longevity innovations to new markets, enhancing its role in the global longevity industry landscape.

Key Takeaways



Growing Sector with Unique Opportunities: Miami's longevity industry is at a pivotal growth stage, benefiting from its established healthcare infrastructure, vibrant biotech startup scene, and strategic geographic location. The city's blend of cultural diversity and technological innovation positions it uniquely to become a leader in longevity science.



Challenges Require Targeted Solutions: While the industry faces obstacles such as public awareness, regulatory complexity, funding constraints, and talent acquisition, Miami's specific context offers unique opportunities for tailored solutions. Collaborative efforts between the public sector, educational institutions, and the private sector are crucial in overcoming these hurdles.



Potential for Global Impact: Miami has the potential to not only advance the longevity industry within its borders but also to influence global practices. By leveraging its position as a gateway to Latin America and capitalizing on its health tourism network, Miami can export longevity innovations and attract international talent and investment.

Deep Knowledge Group

