

Mitochondria in Longevity and Space Medicine Q3 2021 was compiled to give a detailed systematic description of the innovative approaches for regulating mitochondrial function to control human longevity and treat some systemic disorders, highlighting their practitioner application for astronauts recovery after space flights. The report focuses on the **BioTech, Pharmaceutical, Healthcare companies, and R&D institutions** and their partnerships, predicting the development of the relevant market, and determining the degree of technology relevance. An unique database was compiled for systematic review of key stakeholders of the industry. **All the technologies described in the analytical case study are already in use, available, and ready for further research. The Mitochondria Targets and Biomarkers** are selected by their **clinical efficacy** and create the most relevant modern precedent for safe and effective human experimentation and validation within the realm of SpaceTech and Space Medicine that the Longevity Industry can apply.



[www.aginganalytics.com/mitochondria-in-longevity](http://www.aginganalytics.com/mitochondria-in-longevity)

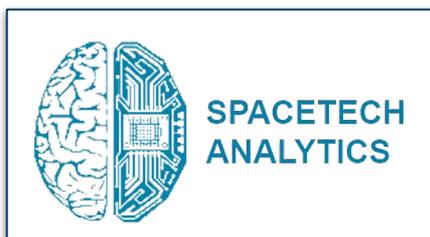
Against this background, a separate chapter makes an overview of several interesting scientific and technological **convergences between aging and the harmful effects of spaceflight**, as well as how the **specific therapeutic approaches are used to protect and preserve the health of astronauts** intersect with Practical Healthy Human Longevity.

## Analytical Subsidiaries of Deep Knowledge Group

<b>Aging Analytics Agency</b>	<b>Deep Knowledge Analytics</b>	<b>Deep Pharma Intelligence</b>	<b>COVID-19 Analytics</b>	<b>FemTech Analytics</b>	<b>NeuroTech Analytics</b>
<b>SpaceTech Analytics</b>	<b>Innovation Eye</b>	<b>Longevity Financial Advisors</b>	<b>GovTech Analytics</b>	<b>InvestTech Analytics</b>	<b>Interactive MindMaps</b>



**AGING ANALYTICS AGENCY** is the world's premier provider of industry analytics on the topics of Longevity, Precision Preventive Medicine and Economics of Aging, and the convergence of technologies such as AI, Blockchain, Digital Health and their impact on the healthcare industry. The company provides strategic consulting services in fields relating to Longevity, and currently serves as the primary source of analytics and data for the UK All-Party Parliamentary Group for Longevity.



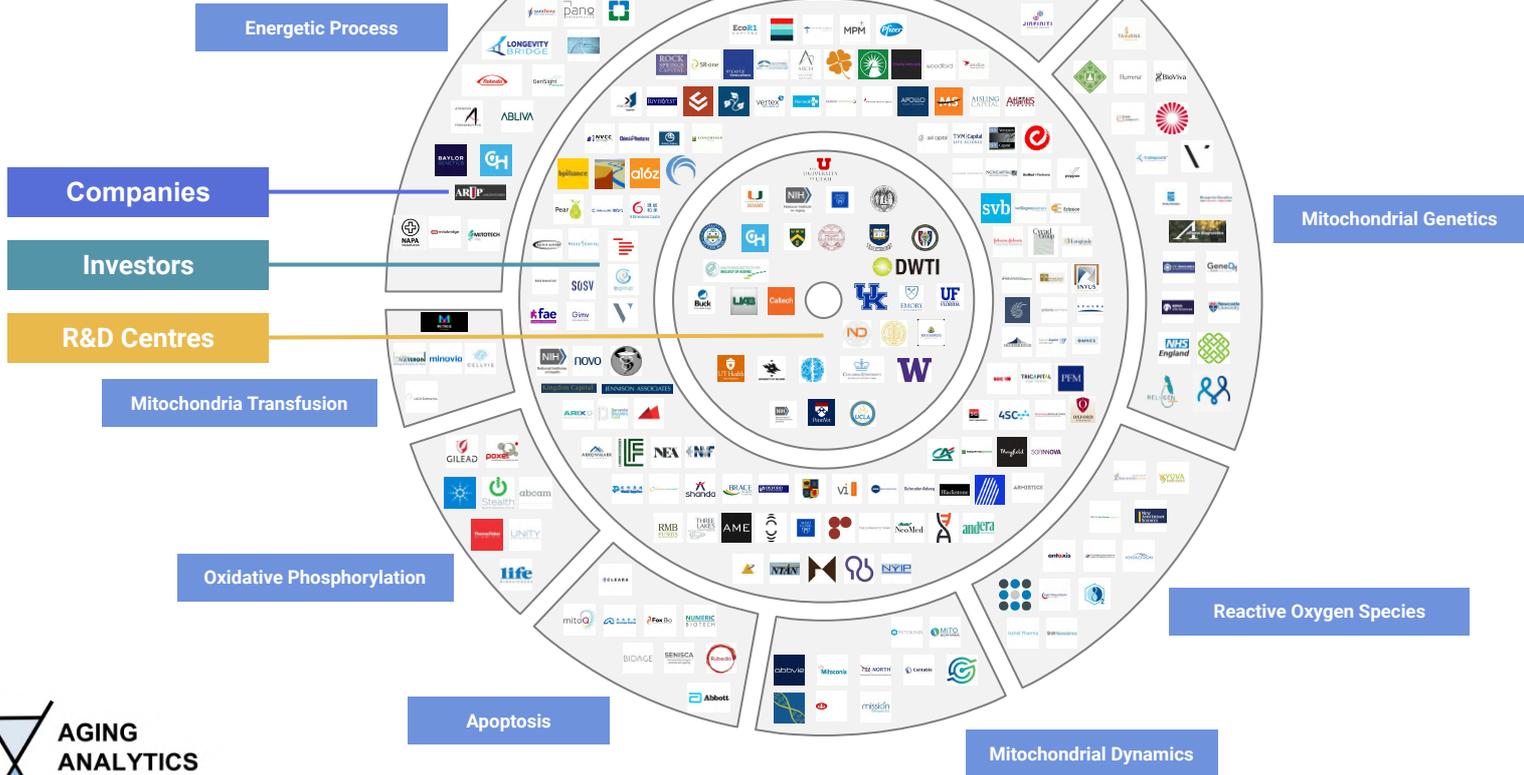
**SPACETECH ANALYTICS** is a strategic analytics agency focused on markets in the Space Travel & Exploration, Spaceflight, Space Medicine, and Satellite Tech industries. Its range of activities includes research and analysis on major areas of high potential in the SpaceTech industry, maintaining profiling of companies and government agencies based on their innovation potential and business activity, and providing consulting and analytical services to advance the SpaceTech sector.



**DEEP PHARMA INTELLIGENCE** is a leading strategic and investment analytics agency focused on the emerging markets in the Pharmaceutical, BioTech, and Healthcare Tech industries. DPI is producing regular analytical reports on major areas of high-potential in the pharmaceutical and healthcare industries, maintaining ratings of companies and governments based on their innovation potential and business activity in the BioTech space.

**Mitochondria in Longevity Q3 2021**

**Companies – 100  
Investors – 120  
R&D Centres – 30**



## Key Players on the Mitochondrial Market for Aging

### Key Companies

 <b>Stealth</b> BIOTHERAPEUTICS (25 programs)	 <b>genesight</b> (8 programs)
 <b>MITOTECH</b> SKQ (7 programs)	 <b>LONGEVERON</b> Biological Solutions for Aging (8 programs)
 <b>RETROTOPE</b> (5 programs)	 <b>mitobridge</b> An Astellas Company (6 programs)
 <b>KHONDRION</b> (5 programs)	 <b>CohBar</b> INC (6 programs)
 <b>Cantabio</b> PHARMACEUTICALS (3 programs)	

### Key R&D (Academia)

 <b>MAYO CLINIC</b> (1 program)	 <b>NIH</b> National Institutes of Health (1 program)	 <b>COLUMBIA UNIVERSITY</b> (2 programs)
 <b>IND</b> Institute for Neurodegenerative Diseases (1 program)	 <b>MAX PLANCK INSTITUTE</b> FOR BIOLOGY OF AGEING (1 program)	
 <b>NIA</b> NATIONAL INSTITUTE ON AGEING (1 program)	 <b>Caltech</b> (1 program)	
 <b>UF</b> UNIVERSITY of FLORIDA (2 programs)		

### Big Pharma Players

 <b>Abbott</b> (1 program)
 <b>abbvie</b> (1 program)
 <b>AMGEN</b> (1 program)
 <b>Genentech</b> A Member of the Roche Group (1 program)
 <b>GILEAD</b> (1 program)
 <b>Takeda</b> (1 program)