

**Longevity Clinical Trials Q3 2021** provides insights for familiarization with clinical trials present state and longevity trials role in it.

This analytical case study contains an **unrivaled database** that offers a deeper look at the organizations, investors, and R&D facilities that are leading in terms of the number and quality of clinical trials undertaken. **Notable trials and corporations are meticulously studied and assessed. Each stage of the trial is investigated individually.** Industry meta-analysis gives unique forecasts on market trends. Companies' classification and evaluation provide insight into probable future market force distribution. Furthermore, in-depth research findings give an overview of product trends and treatment method dynamics.

Longevity is an emerging field of study in the modern medical approach. Therefore most of the advances are now faced with clinical trials system. Understanding the dynamics of longevity therapeutics in clinical studies can grant a comprehensive analysis of the market, which can be used for its improvement.

## Longevity Clinical Trials

Q3 2021

[www.aginganalytics.com/longevity-clinical-trials](http://www.aginganalytics.com/longevity-clinical-trials)

**Clinical trials** are an ever-expanding branch of scientific investigation. Despite the fact that the majority of them do not provide great outcomes, their paradigm underpins the whole area of contemporary medicines. Recently, more inventive methods of conducting research in this sector have emerged, perhaps leading to a restructuring of the approach of the trial.

500

Companies

300

Investors

100

R&D Centers

50 000

Clinical Trials

### About Aging Analytics Agency

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 healthcare industry.

#### Our Value Proposition:

##### Open Access and Proprietary Analytical Case Studies

Aging Analytics Agency is producing regular open-access reports covering emerging longevity markets – technologies, innovations, companies, and trends. Our clients and partners can enjoy access to proprietary reports featuring additional in-depth research conducted by our team on a regular basis.

##### IT-Platform and Big Data Analytics Dashboard

Our company is building a sophisticated cloud-based engine for advanced market and business intelligence in the longevity biotech, medicine, finance, and governance industries. It includes a data mining engine, infrastructure for expert data curation, and advanced visualization dashboards, including mindmaps, knowledge graphs, and 3-dimensional visualizations.

##### Strategic Consulting

Aging Analytics Agency offers a comprehensive range of consulting services, conducting customized case studies, research, and analytics for internal (organizational) use, tailored to the precise needs of specific clients. It includes a wide range of market and competitor research services, technology scouting and due diligence, investment landscape profiling, and comprehensive analytics support for decision-making.

### Key Takeaways

- The global Preclinical and Clinical Trials Market Size accounted for \$48.8B in 2020 and is projected to grow **an average CAGR of 6% from 2020 till 2026 to reach \$70.5B**. Despite increasing interest in recent years, the industry remains underestimated and has high growth potential.
- The cost of developing a new drug increased tremendously in the last 50 years, **being up to 25 times higher in 2020s than in 1970s and is only projected to grow**. This partially explains a relatively new longevity drugs are in clinical trials pipeline.
- While few of clinical trials examined dealt with aging directly, **the vast majority of clinical research is dealing with age-related conditions** due to higher market interest in precision drugs for specific disease. Longevity trials are focused on **increasing individuals lifespan and increasing life quality** at a later age. Most of them are now focused on fighting **cell senescence and restoring regenerative potential**.
- The recent growth of clinical trial market is fueled by the synergy of 4 factors - **vaccine trials on rise, remote trials increase, clinical trials disruptions, and new technologies**. While first 2 market trends are projected to level off after the COVID-19 pandemic, the latter ones are here to stay, promising continued development of the industry.
- **Clinical trials is a continuously expanding field of scientific study. Enormous funding of drug development sphere** will persuade continuous progress and development as result, **requiring deeper analytics for precise overview**.

Clinical Trials Landscape by Research Field Q3 2021

Genomic and Epigenomic Instability

Companies – 500  
Investors – 300  
R&D Centers – 100

Metabolism Dysfunctions

Cell Senescence

Mitochondrial Disorders

R&D Centers

Investors

Companies

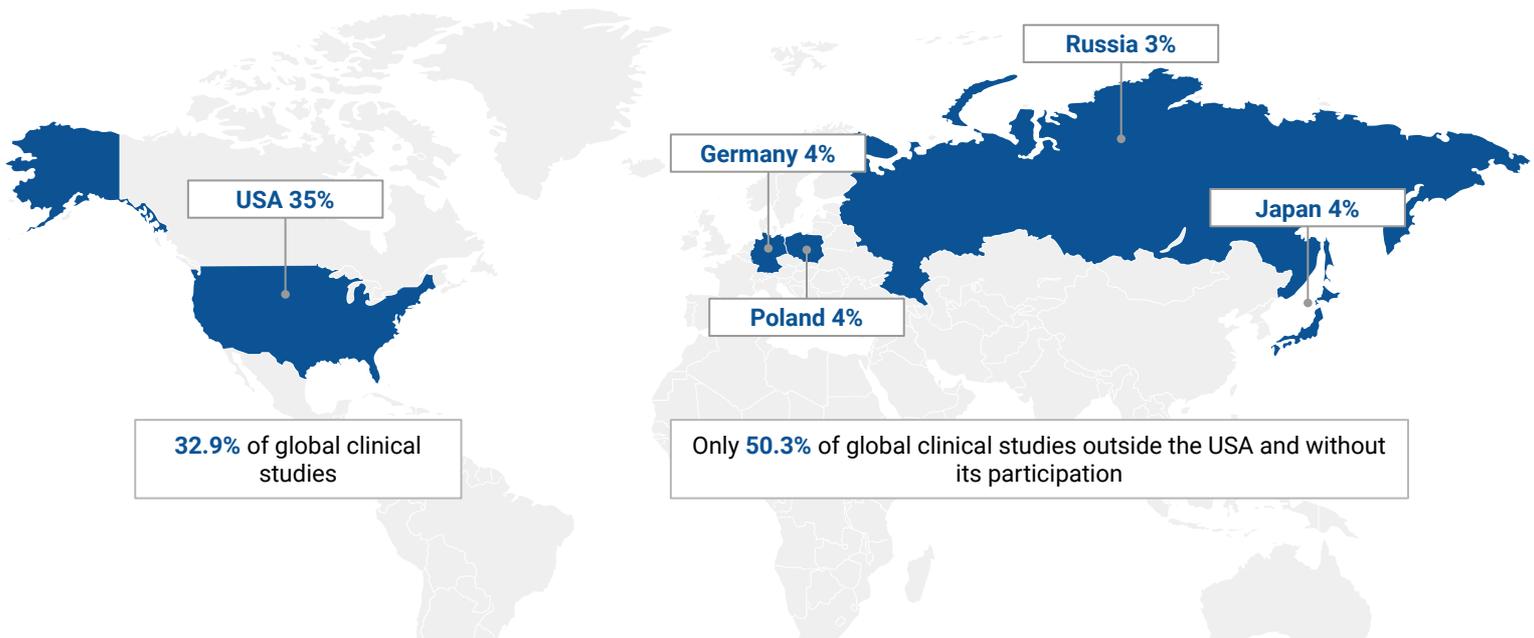
Altered Signaling

Loss of Proteostasis

Stem Cell Exhaustion

Longevity

### Top-5 Clinical Trials Participants by Country in 2021



### Probability of Success for Drugs in the USA in Different Development Clinical Trial Phase

52%  
Phase I

28.9%  
Phase II

57.8%  
Phase III