

Executive Summary

Throughout history, discovering and creating new drugs played a crucial role in the life extension enterprise. After basic approach of clinical trial was described in 18th century, the efforts were made to refine the design and statistical approaches. These were followed by changes in regulatory and ethics milieu. Since then, clinical trials have evolved into a standardized procedure, focusing on scientific assessment of treatment efficacy and guarding the patient's safety.

This analytical case study includes an unexampled database which provides a closer look at the companies, investors, R&D centers leading by the amount and quality of clinical trials they conducted. Notable trials and companies are reviewed and analyzed precisely. Each phase of the trial is examined separately. Market meta analysis provides distinctive prognosis on market trends. Companies categorization and assessment shed insight on possible future forces distribution. In addition, deep research analysis provide overview on product tendencies and treatment approaches dynamics.

Main Features of the Analytical Case Study

Robust Market Players Database

Overview of Clinical Trials on All Phases

In-depth Review of Notable Clinical Trials

Detailed Assessment of Longevity Clinical Trials

Hallmarks of Aging within Clinical Trials

Precise Analysis of Age-associated Disease Studies

Clinical Trial Market Overview and Predictions

Longevity Clinical Trials Framework

Categorization of companies is **supported by literature data** regarding hallmarks of aging and age-related diseases. In addition to most significant vectors of study, **developing sectors such as research outsourcing** with *in silico* approaches were distinguished. Thus, framework not only bring **comprehensive view on market** but also **sustains relevance in advance to development** of technologies and research approaches.

By Research Field

Altered
Signaling

Cell
Senescence

Genomic and
Epigenomic Instability

Longevity

Loss of
Proteostasis

Metabolism
Dysfunctions

Mitochondrial
Disorders

Stem Cell
Exhaustion