

# IDC Health Insights: Worldwide Life Sciences R&D Technologies and Strategies

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As profit and regulatory compliance pressures increase, life science companies are actively seeking ways to shorten the time and decrease the cost of bringing new drugs and other medical products to market. The *IDC Health Insights: Worldwide Life Sciences R&D Technologies and Strategies* service provides life science companies with the necessary insight to optimize their operational focus and consider the adoption of technological innovation. This IDC Health Insights service provides a forward-looking analysis of IT and technologies on the critical path and how they are being adopted all along the discovery research, clinical development, and broader life science research and development (R&D) value chain.

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## APPROACH

This service develops comprehensive data and unique analyses through ongoing direct discussions with leading industry innovators, focused topical surveys, and other primary and secondary research. To ensure relevance, IDC Health Insights' analysts work with subscribers to identify and prioritize specific topics to be covered in research reports.

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## TOPICS ADDRESSED

Throughout the year, this service will address the following topics:

- Lab of the Future
  - Decentralized Clinical Trials
  - IT Outsourcing
  - Real-World Data (RWD) and Synthetic Data
  - Planning for the Implementation of GenAI in the Life Science and Healthcare Industries
  - Key Use Cases for GenAI in Life Sciences
  - Drivers and Roadblocks for GenAI Implementation in Life Sciences
  - The Future of Industry Ecosystems in the Life Science Industry
  - The Industry Cloud for Life Sciences
  - Choosing an EDC Provider
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## KEY QUESTIONS ANSWERED

Our research addresses the following issues that are critical to your success:

1. What is the vision for the Lab of the Future? Who are the key players in this space?
  2. What are some of the sponsor and vendor challenges in implementing a Lab of the Future strategy?
  3. Who are the vendors to watch for RWD/RWE platforms, technologies, and consulting services?
  4. Which are the key use cases being deployed by the life science industry today?
  5. What constitutes the GenAI data value chain? How do you plan to optimally leverage the same?
  6. How do you decide which foundation models should one use? What does the industry landscape look like?
  7. How does one strategize to implement GenAI solutions across the life science and the healthcare industries?
  8. How does one choose an EDC provider?
  9. Which are some of the key trends shaping the future of industry ecosystems in the life science industry?
  10. What are the differentiating features for the industry clouds for life sciences? What are some of the deciding factors when choosing a partner?
  11. Who are the key players in the IT outsourcing landscape?
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## WHO SHOULD SUBSCRIBE

The insights provided from the *IDC Health Insights: Worldwide Life Sciences R&D Technologies and Strategies* service are beneficial to a growing number of individuals in life science enterprises, including chief information officers, life science COOs, and line-of-business executives, senior life science strategy and business management professionals, GenAI solution providers, real-world data and synthetic data solution providers, Lab of the Future technology solution providers, eclinical technology vendors, contract research organizations (CROs), pharmas, biotechs, clinical operations and analytics leadership, IT executives, and related life science professionals.