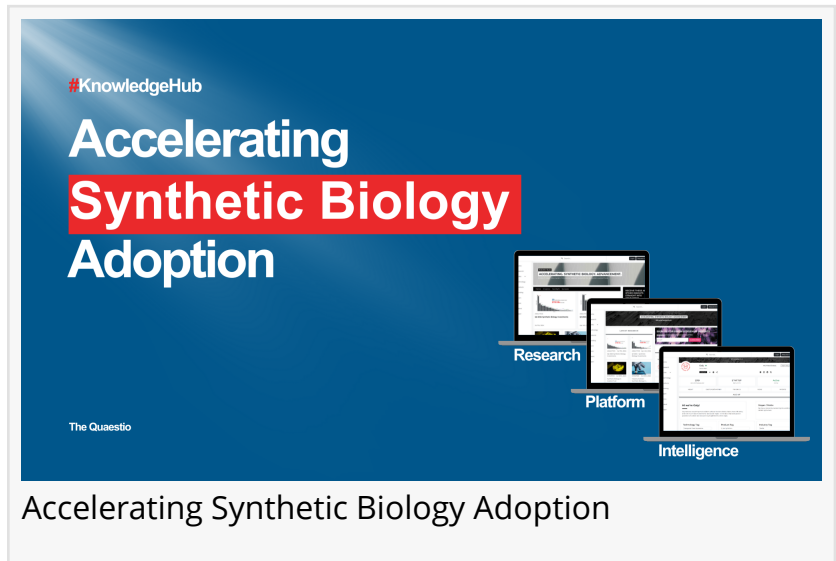


The Quaestio Announces Synthetic Biology Playbook 2025

Playbook 2025: Comprehensive insights into market growth, breakthrough innovations, funding trends, and patent/papers shaping the future of synthetic biology.

BERKELEY, CA, UNITED STATES, February 20, 2025 /EINPresswire.com/ -- The Quaestio proudly announces the launch of its latest “Synthetic Biology Playbook” report, offering an in-depth analysis of the fast-evolving synthetic biology landscape. Modelled after the success of The Quaestio’s KnowledgeHub platform — launched in September — this comprehensive report delivers useful insights for decision-makers, innovators, and investors seeking to adopt and accelerate synthetic biology.



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Over the last five years, SynBio has witnessed unprecedented growth, with 52% of total industry funding (\$47.9B) and 41% of new players (670) entering the field since 2019.”

Zuzer, Lead Researcher at The Quaestio

An All-Encompassing View of Synthetic Biology

The new report serves as a definitive guide for stakeholders across the ecosystem. It goes beyond market size and forecasts, diving into players, technologies, funding patterns, patents, papers, and regulatory frameworks shaping the field.

Key Highlights

1. Market Deep-Dive

- o Market Overview 2024–2029: Projections on global synthetic biology growth, segmented by geography, technology, application, and end-use.
- o Growth & Opportunities: An in-depth look at high-potential sectors, including gene therapy, advanced materials, and novel chassis organisms.

2. SynBio Ecosystem

- o 2024 Player Map: A detailed breakdown of developers, adopters, and key ecosystem enablers.

- o Emerging Startups: Profiles of new entrants spun out from top-tier universities or stealth mode.

- o Application Landscape: Industry-specific segmentation highlighting medical, chemical, and materials sub-segments.

3. Geographical Landscape

- o Regional Insights: Comprehensive coverage of synthetic biology hotspots, including the United States, China, Denmark, India, Japan, and more.

- o Regulatory & Policy Updates: Latest legal frameworks and policy implementations impacting market entry and growth.

4. Technology Frontiers

- o Cost & Safety: Addressing challenges such as DNA hacking, mirror bacteria, and decreasing sequencing costs.

- o Innovations: Breakthroughs in AI-driven gene editing, cell-free systems, and chassis design.

5. Market Dynamics

- o News & Industry Activities Overview: Month-over-month analysis of major industry events, strategic collaborations, acquisitions, and product launches that are reshaping the market landscape.

- o Collaborations & Consolidations: Detailed insights into recent mergers, strategic partnerships, and market exits, providing a snapshot of the competitive dynamics.

6. Funding Trends

- o Investment Landscape: Detailed breakdown of venture investments, seed funding, series A, and government grants, including regional and monthly funding insights.

- o Top Investors & Venture Arms: Analysis of key funding sources, highlighting major investors driving innovation in synthetic biology.

7. Patents & Papers

- o Patent Insights: Comprehensive data on patent filings, classifications, and key research focus



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areas, offering a clear view of the competitive innovation landscape.

- o Scientific Publications: Analysis of industry research trends, top journals, and influential papers that are shaping the field.

8. Predictions

- o Expert forecasts on the trajectory of synthetic biology, highlighting emerging technologies and market opportunities through 2025.

Beyond the Report: KnowledgeHub Synergy

The KnowledgeHub platform, launched in September, offers real-time intelligence and personalized analyst support. This “Synthetic Biology Playbook” report complements the platform by providing an annual, consolidated view of the field’s current state and future possibilities.

Access the Report: To request a copy or learn more about The Quaestio’s KnowledgeHub, please visit: [KnowledgeHub for Synthetic Biology](#)

About The Quaestio

The Quaestio is a research and business intelligence firm that helps organizations navigate complex challenges in emerging technology domains. Through data-driven insights, technology scouting, and strategic consulting, The Quaestio enables global enterprises, startups, and policymakers to stay ahead of market disruptions

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