

Everyone Is Talking About AI. Few Are Scaling It.

A practical look at the barriers slowing AI adoption in life sciences and how to build the foundation for sustainable impact.

For many organizations, the greatest challenge is no longer proving that AI can work, it is building the strategy, data, governance, and workforce foundations required to make AI work at scale.

The Reality

Nearly 5x Growth by 2035

Life sciences AI investment is projected to grow nearly 5x, from \$3.3B in 2026 to \$15.9B by 2035, increasing the urgency to scale responsibly.¹

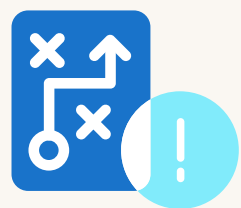
Only 5% Realize Meaningful Value

5% of life sciences organizations report achieving significant financial value from generative AI.²

75% Lack a Strategic AI Roadmap

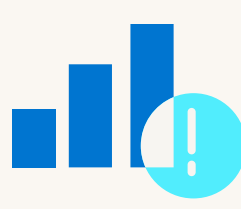
~75% of organizations lack a comprehensive AI vision or roadmap tied to business outcomes.²

Five Key Barriers



The Enterprise Value Gap

Siloed use cases lead to scattered deployments, weak ROI, and technology-first decisions with only localized benefits.



The Data Debt Gap

Poorly governed, fragmented, or incomplete data incurs compounding technical debt instead of scaled transformation.



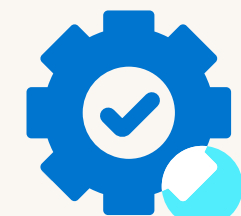
The Trust Gap

AI that isn't explainable, validated, or governed will not be trusted or adopted within regulated workflows.



The Workforce Readiness Gap

Employees lacking AI usage guidance, training, and career development will fail to deliver to their potential and lose engagement with AI augmented workflows.



The Operationalization Gap

AI installed as a 'stand-alone' capability will not transform legacy workflows that continue operating unchanged.

The Path Forward: 3D Intelligence (3Di)TM

Syner-G's 3DiTM Transformation Services help life sciences organizations align People, Data, and Technology to build trusted, scalable, and human-centered AI capabilities.

Define

Identify where AI creates measurable business value by assessing organizational readiness, data maturity, governance needs, deployment models, and workflow challenges, to create high-impact use cases.

Design

Design embedded AI solutions with an operating model, governance framework, workforce strategy, and human-centered workflows for trusted, scalable adoption.

Deliver

Implement and scale AI capabilities through validated pilots, measurable outcomes, workforce enablement, and continuous improvement.

Ready to Turn Your AI Potential into Business Impact?

Whether you're exploring your first AI use case or looking to scale existing initiatives, Syner-G can partner with you to create a trusted and impactful path forward.

Through our 3DiTM Transformation Services, we help life sciences organizations build the strategy, governance, workforce capabilities, and data foundation needed to unlock sustainable AI value.

Contact info@synergbiopharma.com today to schedule a free consultation or explore a pilot workshop with our transformation experts.

Sources:

1. BioSpace. AI in Life Sciences Market Set for 19.30% CAGR Through 2035.
2. McKinsey & Company. Scaling Gen AI in the Life Sciences Industry.
3. IBM Research. Open and Sustainable AI: Challenges, Opportunities, and the Road Ahead in the Life Sciences.
4. BMJ Open Quality. AI Adoption and Quality Improvement Research.