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Strategic Alliances for Development & Commercialization



The Value of Strategic Alliances

A strategic alliance is an opportunity for multiple organizations to enhance drug development and commercialization by leveraging complementary strengths.

Many therapeutic solutions face limitations in achieving their full potential—strategic alliances offer pathways to address these challenges.

Organizational asymmetry

e.g., gaps in specific functional, technical, geographic, or disease area expertise; imbalanced TA or market experience

Scalability barriers

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e.g., insufficient KOL/site networks, thinly spread field medical teams, or under-developed sales forces

Internal organizational demands

e.g., competition within the enterprise portfolio, supply chain capacity limits, commitments to ongoing product uptake

Macro-environmental events

e.g., fluctuating COVID response needs, geopolitical disruptions, enterprise resourcing constraints

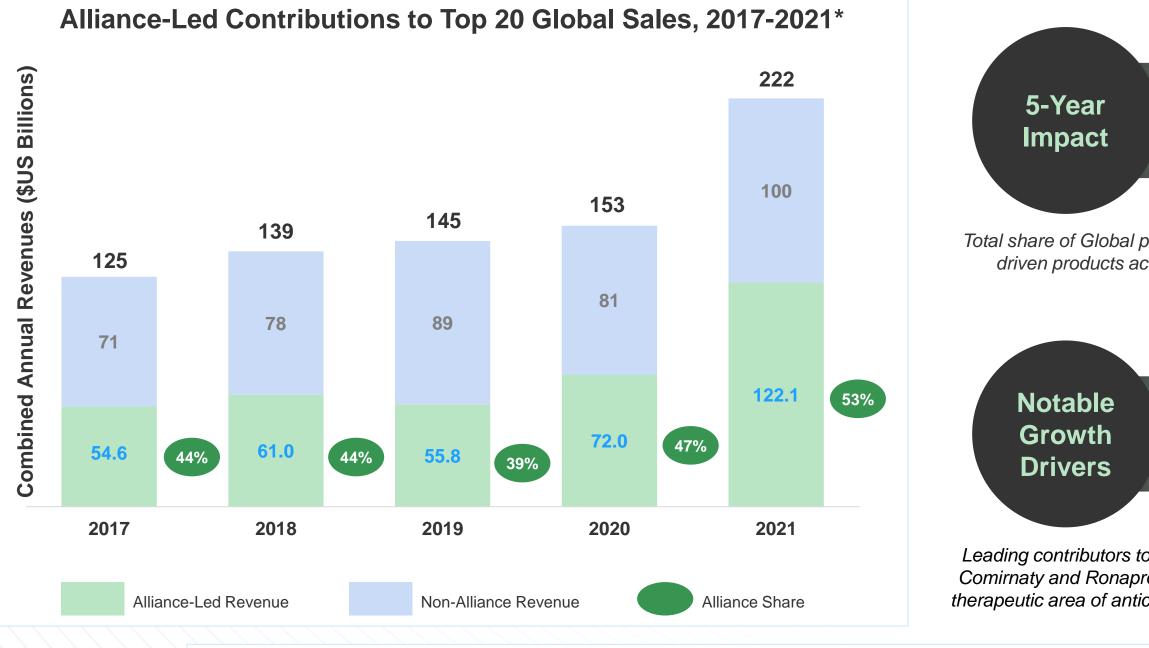
THE RIGHT ALLIANCE PARTNERSHIP WILL:

- Address and resolve key strategic asymmetries
- Support sustainable scalability
- Enhance speed to market •
- **Broaden pathways to optimize patient access**
- Allow each party to maintain existing enterprise commitments



Evidence for Alliances as Value Drivers

The contributions of alliance efforts to scientific and market leadership are evident in the commercial performance of leading drug products.



* SOURCES

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Humphreys, Murphy, "Top 200 Medicines Annual Report 2019: The King Of Medicines," Pharma Live, 11 August 2019, https://www.pharmalive.con cines-annual-report-2019-the-king-of-medicines Blankenship, Kyle. "The top 20 drugs by global sales in 2019." Fierce Pharma, 27 July 2020, https://www.fiercepharma.com/special-report Sagonowsky, Eric. "The top 20 drugs by worldwide sales in 2020." Fierce Pharma, 3 May 2021, https://www.fiercepharma.com/spec Dunleavy, Kevin. "The top 20 drugs by worldwide sales in 2021." Fierce Pharma, 31 May 2022, https://www.fiercepharma.com/special-reports/top-20-drugs-worldwide-sales-2021.

46%

Total share of Global product sales attributable to alliancedriven products across the period from 2017-2021

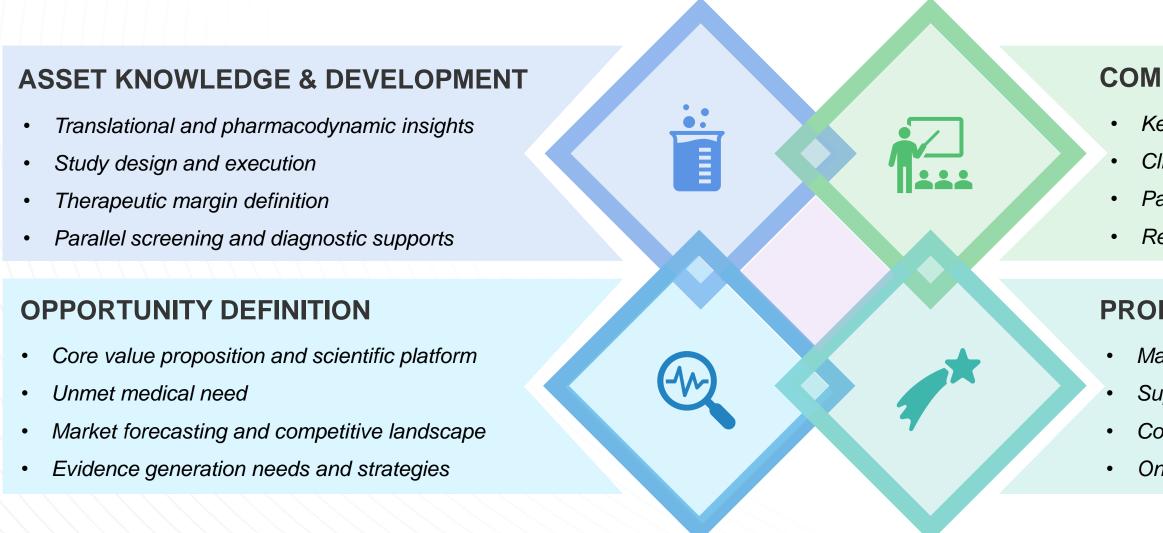
> COVID Vaccine & **Antibody Products**

Leading contributors to 2021 Global revenues included the Comirnaty and Ronapreve vaccines—alliance products in a therapeutic area of anticipated investment in the years ahead

Defining Strategic Alliances

Strategic alliance relationships transcend those of vendors or contractors—alliance partners are true collaborators in drug development and commercialization.

Alliance partners share in the risks and rewards of their coordinated efforts, but they must decide how to allocate ownership of execution across several critical areas.



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COMMUNITY ENGAGEMENT

Key opinion leader relationships Clinician and practitioner insights Payer and provider accounts Regulatory body interactions

PRODUCTIZATION

 Manufacturing outlay Supply chain management Commercial account management Ongoing performance monitoring

The Diversity of Partnership Structures

Far from adopting a uniform model, the most effective alliances embrace the unique capacities, talents, knowledge, and experiences of different organizations.

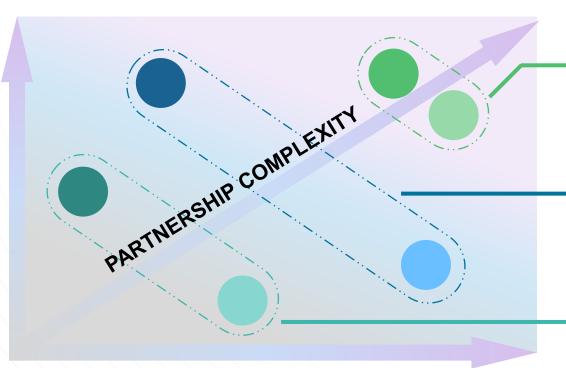
A strong alliance partnership will effectively harness the comparative strengths of each organization's specialized capacity and specialized knowledge—and will vary in the intensity of complex tradeoffs.



SPECIALIZED CAPACITY

How well-developed is each company's manufacturing & supply chain, medical field presence, sales footprint, regulatory engagement and launch execution infrastructure?

COMBINED STRENGTHS



EXAMPLE ALLIANCE STRUCTURES

2 multinational biopharma leaders strategically split the management of clinical studies, field engagement, data generation, and commercialization across global marketsand can maintain focus on their other portfolio priorities

A large biopharma organization leverages its manufacturing operations, sophisticated launch machinery, and sales footprint to rapidly scale the deep molecular mechanism and disease-state expertise of a pioneering biotech

A mid-size therapeutic specialist leads on regulatory planning and commercialization while optimizing clinical development via the strengths of an academic institution with extensive knowledge of the expert space and practice community



SPECIALIZED KNOWLEDGE

How advanced is each company's understanding of the molecule, target disease areas, key market contours, patient journeys, expert insights, and payer/provider landscapes?



Key Challenges in Executing as Partners

Even when the fundamental value proposition of a strategic alliance is clear across all parties, a number of specific challenges warrant consideration.

Ways of working across any alliance structure should jointly plan to address several hurdles.

	RAMP UP TIME	What is the best way to maintain realistic timelines that account for corpora checkpoints, forecast windows, budget deadlines, and other enterprise plan
e e e e e e e e e e e e e e e e e e e	COMPLEX PROGRAM MANAGEMENT	What will be the most effective program management infrastructure to incluperspectives, and integrate into working processes within and across all parts
Ï	INTELLECTUAL PROPERTY	How can all parties appropriately allocate ownership and access to data w confidentiality safeguards for the rest of their individual pipeline and explor
5	CULTURAL FIT AND COMMUNICATION	How can all parties embrace constructive communication patterns, respect provisions, and reinforce alignment throughout the lifetime of the alliance?
	LOCAL ADAPTABILITY OF GLOBAL PLANS	How will global plans be designed for curation by local markets, and how w make the space to interact with regional and country market colleagues?
674	MEANINGFUL MEASUREMENT	What are the optimal ways to define key performance indicators and distill from assessments to inform continuous improvement efforts?

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rate endorsements, study lanning needs?

clude all key functional parties?

while maintaining oratory assets?

ct confidentiality

will global teams

Il insights

Best Practices | A Representative Framework Harmonizing Execution Across an Alliance

For partnerships to reach their full potential there should be an emphasizes on proactive planning and accountability throughout the journey of joint development and commercialization.

UPFRONT STRATEGIC ALIGNMENT

Define the alliance's fundamental rationale, priorities, and hurdles before formal initiation and the limited bandwidth of later time periods

TRUST-BASED COMMUNICATION

Ensure that planning and decisions consider all parties' priorities, concerns, and boundaries and make space for questions and challenges



OPTIMIZED GOVERNANCE STRUCTURES Establish roles and responsibilities, a cadence of interactions, collaboration tools, and decision-making/escalation processes that fit the parties and the product

CROSS-FUNCTIONAL AGILITY

Leverage open communication and transparent information sharing to enable seamless coordination across clinical, medical, and commercial teams

JOINT ADVOCACY

Identify champions across each organization to maintain momentum and lend their expertise to common alliance objectives



Best Practices | Success across Diverse Partnership Structures **Alliance Strategy in Action**

Across multiple disease areas and segments of the value chain, strategies built on a foundation of harmonized execution have enabled life sciences organizations to advance both their leadership and patient impact.



Pivotal Trial Readiness in a Hotly Contested Product Space

COLLABORATION HIGHLIGHTS

Tracking and visibility into critical Phase 3 planning and decision milestones, joint brand team governance support, and coordination across diverse clinical, medical, commercial function teams

Asia-Pacific Launch Readiness for an Aspiring New Standard-of-Care

COLLABORATION HIGHLIGHTS

Project coordination, direct workstream management, governance support, and executive communications with 60+ stakeholders to drive KOL engagement, market access, competitive differentiation, diagnostics, and forecasting

Commercialization Strategy to Expand Global Footprint and Impact

COLLABORATION HIGHLIGHTS

Established the governance framework and coordinated alliance meetings to drive strategic alignment across 7 working groups for pre-and-post launch activities of combination therapy in 50+ markets



Our View of the Approaching Horizon

As we support our clients in navigating the contours of both established and emerging therapeutic areas, several trends in alliance strategy stand out.

Three patterns in particular are increasingly visible as driving forces in the rationale, structure, and intercompany dynamics of alliance relationships:

COLLABORATION SCOPE

More partnerships will pursue opportunities outside of pure drug development, including precision & companion diagnostics, digital tools and therapeutics, and beyondthe-pill solutions for patients and providers.

THERAPEUTIC DIVERSITY

While oncology accounts for approximately 40%^{*} of recent leading strategic alliance activity, therapeutic area expansion will mirror broader pipeline diversification, especially into rare diseases, infectious disease, neurology, and cell & gene therapy solutions.

Strategic alliances will increasingly leverage the power of artificial intelligence and machine learning—across the full spectrum from early phase data generation to later real-world evidence and landscape insights.



Make, Buy Or Partner: Strategic Alliances Continue To Fuel Biopharma Growth." In Vivo Pharma Intelligence, 3 November 2021, na.com/IV124921/Make-Buy-Or-Partner-Strategic-Alliances-Continue-To-Fuel-Biopharma-Growt

ENABLING TECHNOLOGIES



Thought Partnership from Molecule to Market

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Supporting Alliances with a Foundation for Sustainable Success

Discover the Solutions for a Successful Alliance Strategy

Contact us for an exploratory discussion



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