

ROYALTY PHARMA

Royalty Pharma plc

Investor Day

Accelerating Innovation, Compounding Growth

May 17, 2022

Forward Looking Statements & Non-GAAP Financial Information

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Also, this presentation will include certain financial measures that were not prepared in accordance with U.S. generally accepted accounting principles (“GAAP”). Additional information regarding non-GAAP financial measures can be found on slide 114 in the Appendix. Any non-U.S. GAAP financial measures presented are not, and should not be viewed as, substitutes for financial measures required by GAAP, have no standardized meaning prescribed by GAAP and may not be comparable to the calculation of similar measures of other companies.

Today's agenda

8:30am	Opening remarks George Grofik SVP, Head of Investor Relations & Communications
	Accelerating innovation, compounding growth Pablo Legorreta Founder and Chief Executive Officer
	Royalty Pharma's opportunity Chris Hite EVP and Vice Chairman
	Scaling our unique investment capabilities Marshall Urist EVP and Head of Research & Investments
10:15am	Q&A session
10:45am	Break
11:05am	Case studies Brienne Kugler VP, Research & Investments
	Vlad Coric, MD Chairman and Chief Executive Officer, Biohaven (video)
	Sara Klymkowsky VP, Research & Investments
	A leading compounding growth company Terrance Coyne EVP and Chief Financial Officer
12:00pm	Closing remarks Pablo Legorreta Founder and Chief Executive Officer
	Q&A session
	Management Luncheon

Royalty Pharma at a glance⁽¹⁾

Company

1996⁽²⁾

Founded

66

Employees

Portfolio

~45

Approved and development-stage products

12

\$1bn+ blockbuster therapies in portfolio

Financial

\$2.1bn

Adjusted Cash Receipts⁽³⁾ (FY 2021) “top-line”

\$1.9bn

Adjusted EBITDA⁽³⁾ (FY 2021)

\$1.6bn

Adjusted Cash Flow⁽³⁾ (FY 2021) “bottom-line”

Rare Disease (32%)

Evrysdi

Trikafta

Kalydeco

Orkambi

Symdeko

Oxlumo

Orladeyo

Crysvita

BCX9930

Immunology (4%)

Tremfya

otilimab

Entyvio

Cancer (24%)

Trodelvy

Xtandi

Imbruvica

Cabometyx

Erleada

CPI-0209

pelabresib

Hematology (7%)

Promacta

Neurology (18%)

Nurtec ODT

Tysabri

gantenerumab

zavegepant

seltorexant

Cardio- Metabolic (13%)

Farxiga

omecamtiv

Soliqua

aficamten⁽⁴⁾

Other (2%)

1. As of December 31, 2021, unless otherwise indicated; therapeutic area percentages based on Adjusted Cash Receipts in FY 2021.

2. Our predecessor was founded in 1996 and we were incorporated under the laws of England and Wales on February 6, 2020. We are externally managed by RP Management, LLC (the “Manager”) and references to “employees” refer to such persons’ role at the Manager.

3. See slide 114 for definitions. Refer to the Appendix for a GAAP to non-GAAP reconciliation.

4. Royalty added January 2022

Accelerating innovation, compounding growth

Pablo Legorreta

Founder and Chief Executive Officer

ROYALTY PHARMA





Our vision

**To be the leading partner
funding innovation in
life sciences**

**ROYALTY
PHARMA**

Our mission

**We accelerate innovation
in life sciences and transform
patient lives globally**

Clear strategic plan to drive robust and value-enhancing growth

1

Existing royalties

Acquire existing royalties on market-leading or late-stage development therapies with high commercial potential

2

Synthetic royalties / R&D funding

Acquire newly-created royalties on approved or late-stage development therapies with strong proof of concept and high commercial potential

3

Launch & development capital⁽¹⁾

Additional funding in exchange for long-term payment streams

4

M&A related

Acquire royalties by facilitating M&A transactions

5

Adjacencies

Leverage team's capabilities in business adjacencies

Accelerating innovation, compounding growth

1

Strong track record

Industry pioneer delivering **13%** Adjusted Cash Receipts⁽¹⁾ (“top-line”) CAGR from 2010-2020

2

Unique model

Exposure to best attributes of biopharma industry without common challenges

3

Large moat

60% share of royalty funding market⁽²⁾

Model, scale and platform provide durable competitive advantages

4

Significant opportunity

>\$1 trillion of capital required to fund biopharma innovation over the next decade

5

Compounding growth

11-14% ACR⁽¹⁾ CAGR expected from 2020 to 2025

Expect to achieve ACR⁽¹⁾ CAGR of **10%** or more over this decade

ACR: Adjusted Cash Receipts; CAGR: compound annual growth rate

1. Adjusted Cash Receipts for periods 2020 and earlier are pro forma for current non-controlling interests. See footnote (1) on slide 114 for additional information. See slide 114 for definitions and factors that may impact the achievement of our growth outlook. Growth outlook includes future royalty acquisitions and excludes development-stage pipeline candidate gantenerumab for Alzheimer’s disease. Refer to the Appendix for a GAAP to non-GAAP reconciliation.

2. Internal estimates of historical biopharma royalty market size based on announced transactions; encompasses transactions dating from 2012 to present.

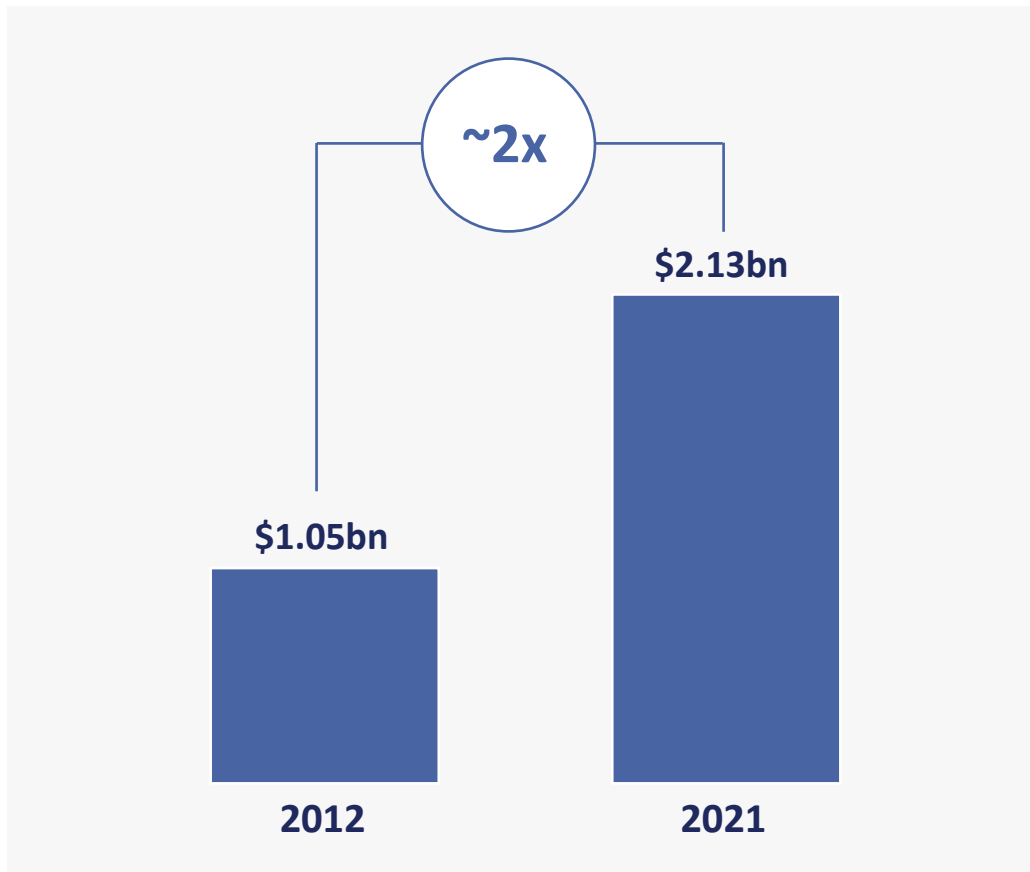
Deep network across the biopharma ecosystem

Leading provider of funding solutions for life sciences innovation

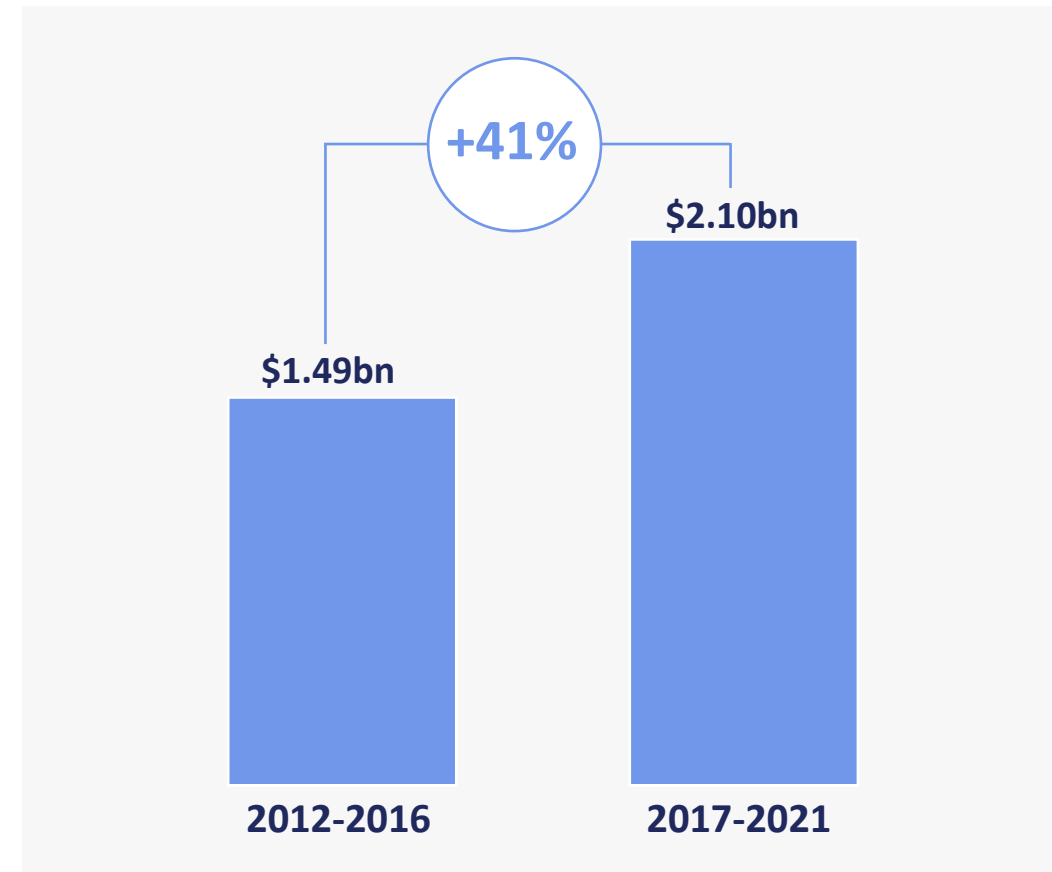


Track record of delivering exceptional growth

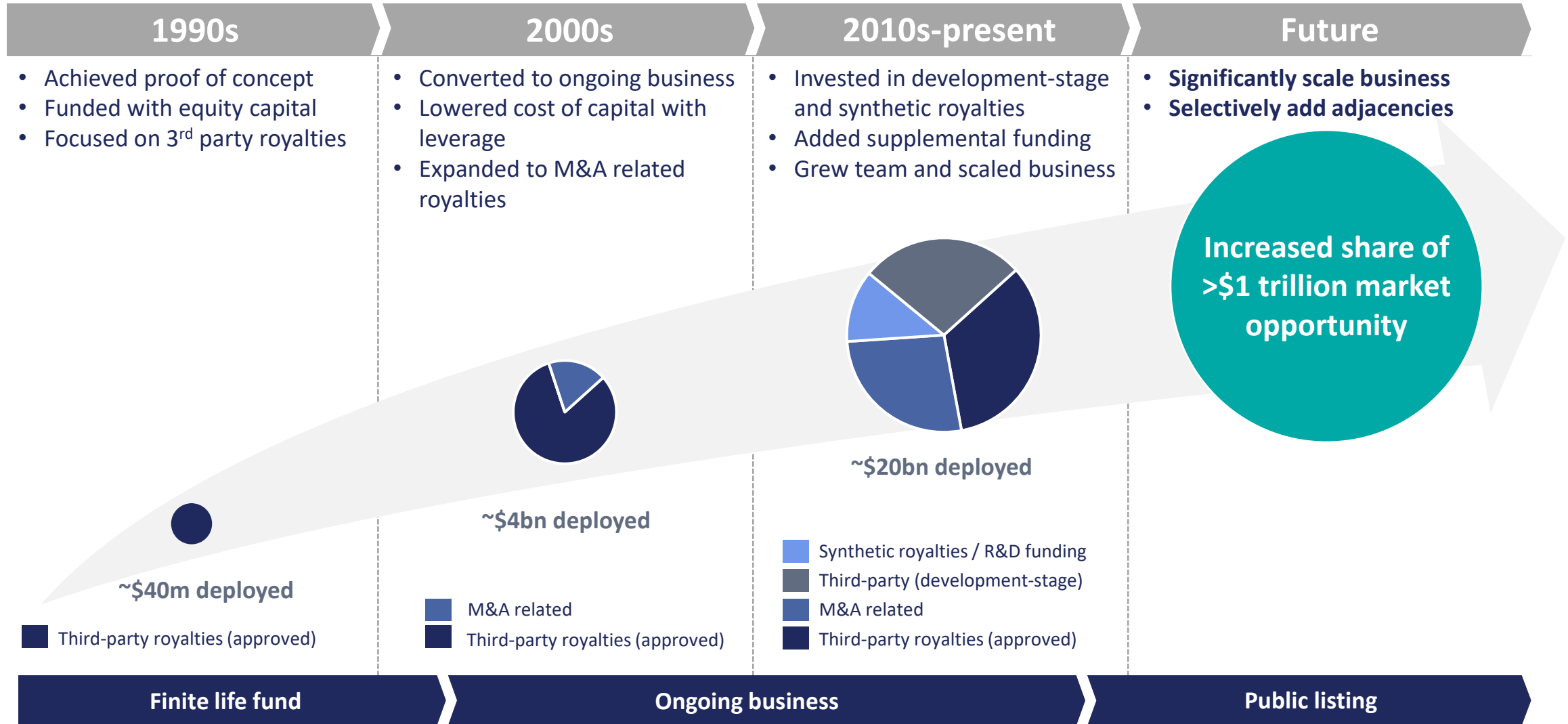
Adjusted Cash Receipts⁽¹⁾



Capital deployed
(annual average)



We are consistently innovating new funding solutions



A unique way to invest in biopharma

↑ Maximizing

- Exposure to transformative therapies
- Revenue and profit diversification
- Therapeutic area breadth
- Long weighted average portfolio duration
- Consistent and sustainable growth
- Management team continuity
- Shareholder alignment
- Opportunity - entire R&D ecosystem is our pipeline

**ROYALTY
PHARMA**

↓ Minimizing

- Early-stage development risk
- R&D and SG&A cost base
- Therapeutic area bias
- Highly competitive business development
- Late-stage clinical binary risk

Strong competitive moat in biopharma royalty funding



Business model



- Publicly traded company
- Long royalty durations
- Mid-single digit cost of capital
- 2.24% cost of debt⁽¹⁾

Other Royalty Buyers

- Serial fund structures
- Often shorter royalty durations
- High-single to double-digit cost of capital



Scale

- Portfolio ~45 products
- Large investment capacity
- Deep capital markets access
- Ability to leverage portfolio

- Smaller, concentrated portfolios
- Funded with significantly more expensive private debt and equity



Platform

- Long-tenured team
- Singular biopharma focus
- Long collaboration history
- Deep industry relationships
- Partner of choice

- Multi-strategy
- New to industry

Our competitive position has strengthened since our IPO

		Pre-IPO	Today	Increase
Business model	Equity ownership structure ⁽¹⁾	Private	~\$24bn Public market value	Depth & Accessibility
	Debt portfolio weighted average maturity	5.5 years	12.5 years	>2.0x 
Scale	Announced deal value (prior 2 years) ⁽²⁾	\$2.8bn	\$5.2bn	1.8x 
	Cash flow streams acquired (prior 2 years) ⁽²⁾	11	20	1.8x 
Platform	In-depth opportunity reviews ⁽³⁾	40	61	1.5x 
	Full time employees ⁽⁴⁾	35	66	1.9x 

IPO: initial public offering

1. Market data as of May 13, 2022.

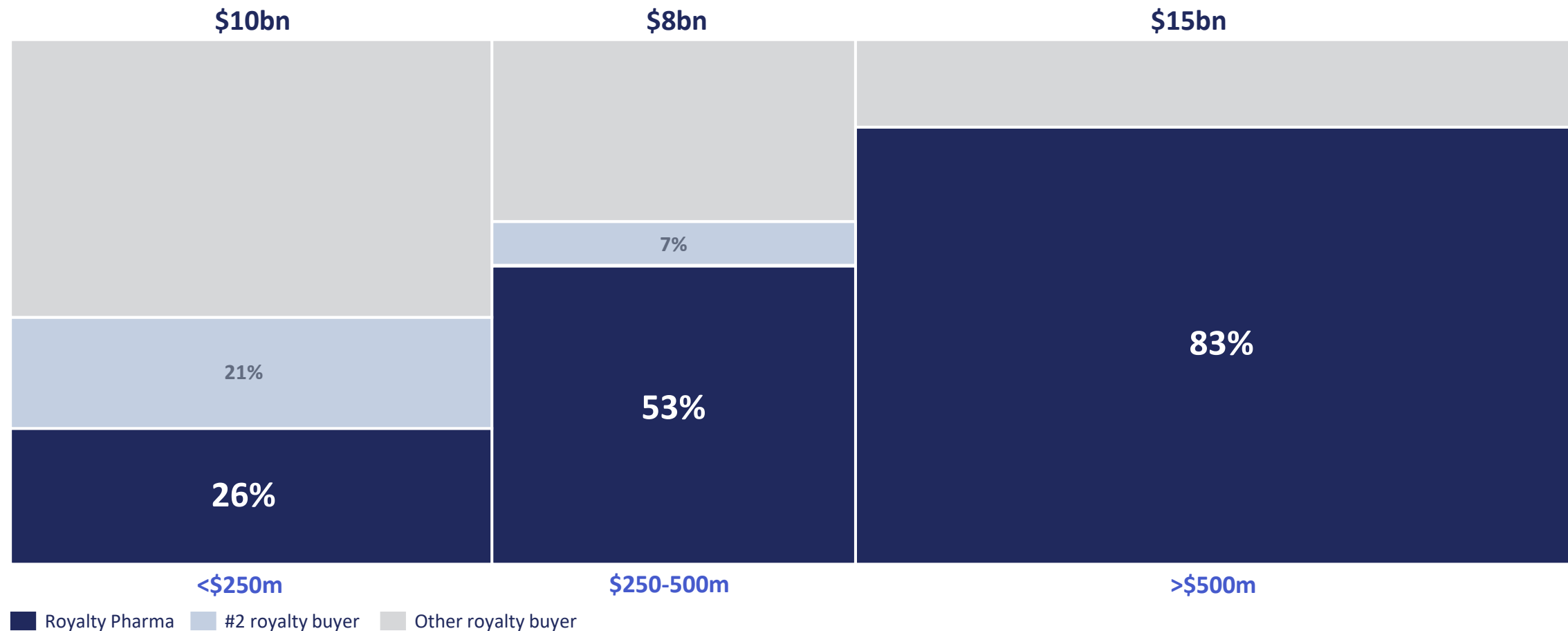
2. Total announced value of transactions excluding equity for the pre-IPO period Q3 2018 through Q2 2020. Total announced value of transactions excluding equity for the today period includes Q3 2020 through Q2 2022.

3. In-depth opportunity reviews for the pre-IPO period represents 2019. In-depth opportunity reviews for the today period represents 2021. IPO was June 2020.

4. Full-time employees for the pre-IPO period is as of December 31, 2019; full-time employees for the today period is as of December 31, 2021.

Royalty Pharma is the leader in royalty transactions

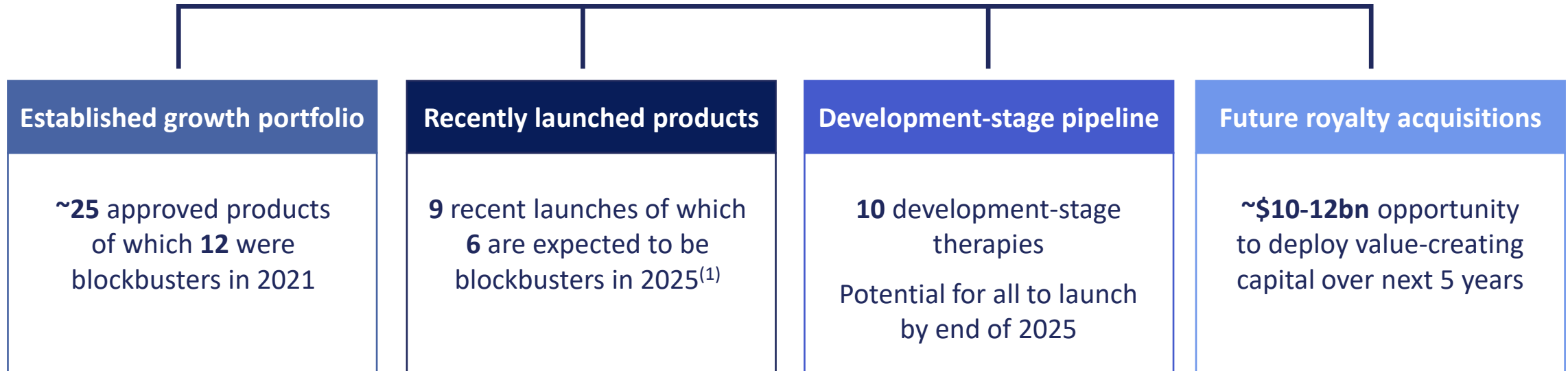
Biopharma royalty market size and share by transaction value, 2012-2022 YTD⁽¹⁾



Royalty Pharma has maintained ~60% overall share since 2012 and is the go-to partner for larger transactions

Drivers of growth are diversified across the portfolio

ROYALTY PHARMA



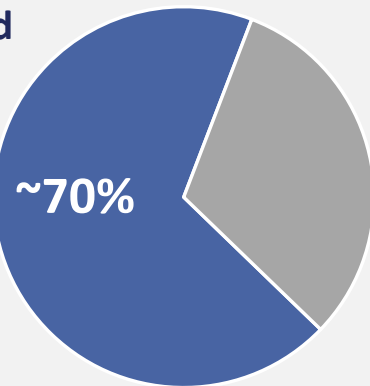
Diverse mix of marquee and recently launched products, exciting development-stage therapies and future royalty acquisitions

Long duration portfolio consistently replenished

Duration of portfolio
(At IPO)

(by NPV)

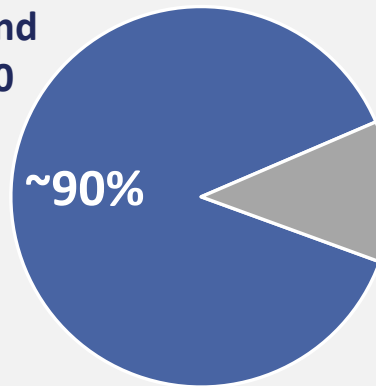
Beyond
2030



Duration of royalties acquired
2020-2022 YTD (Today)

(by NPV)

Beyond
2030



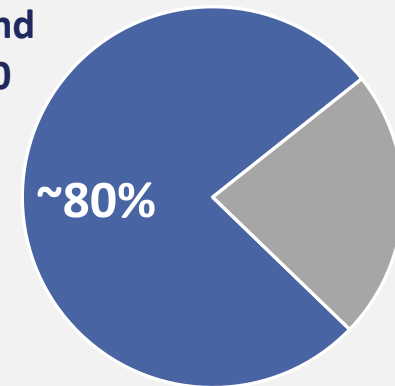
+

=

Duration of portfolio
(Today)

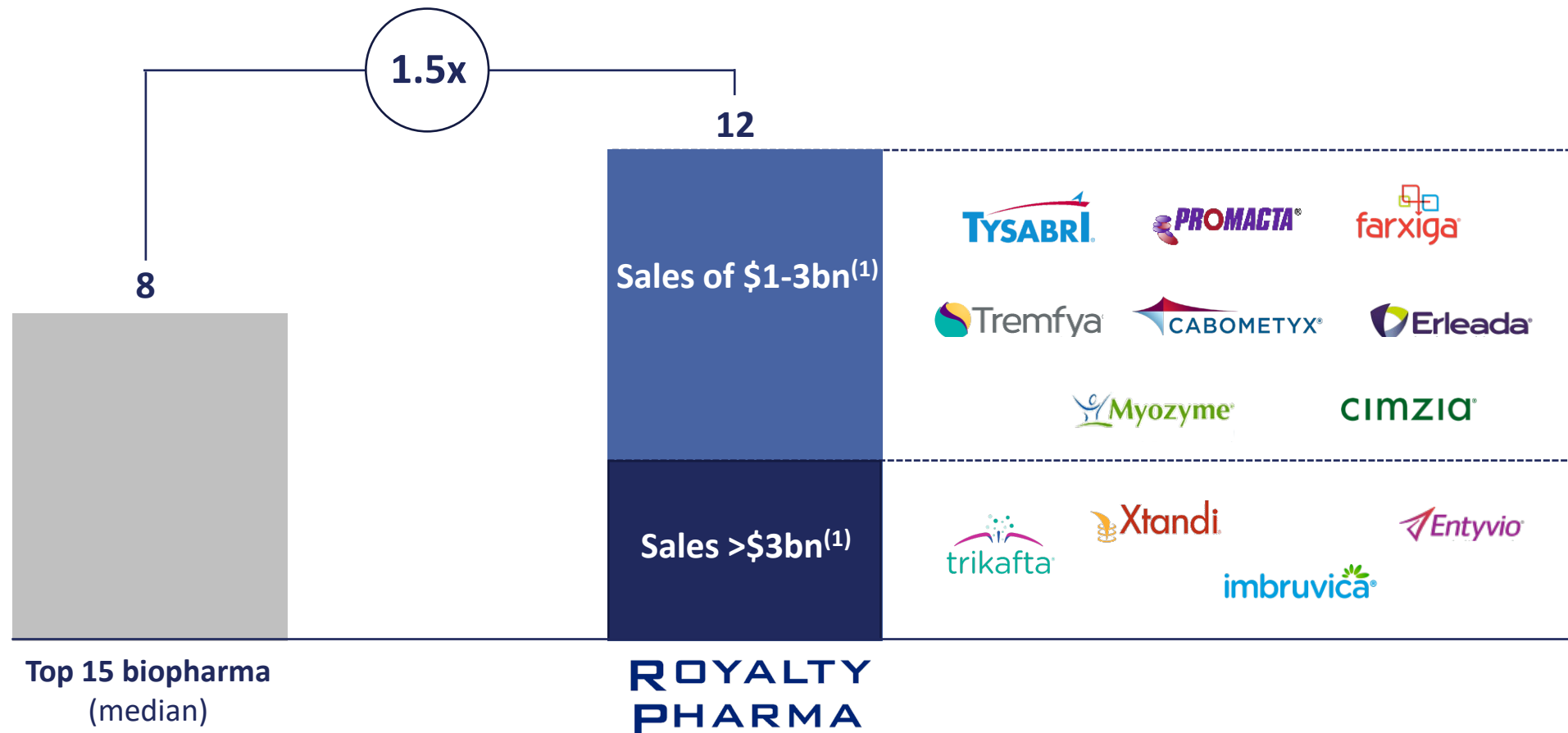
(by NPV)

Beyond
2030



~13 year weighted average royalty portfolio duration

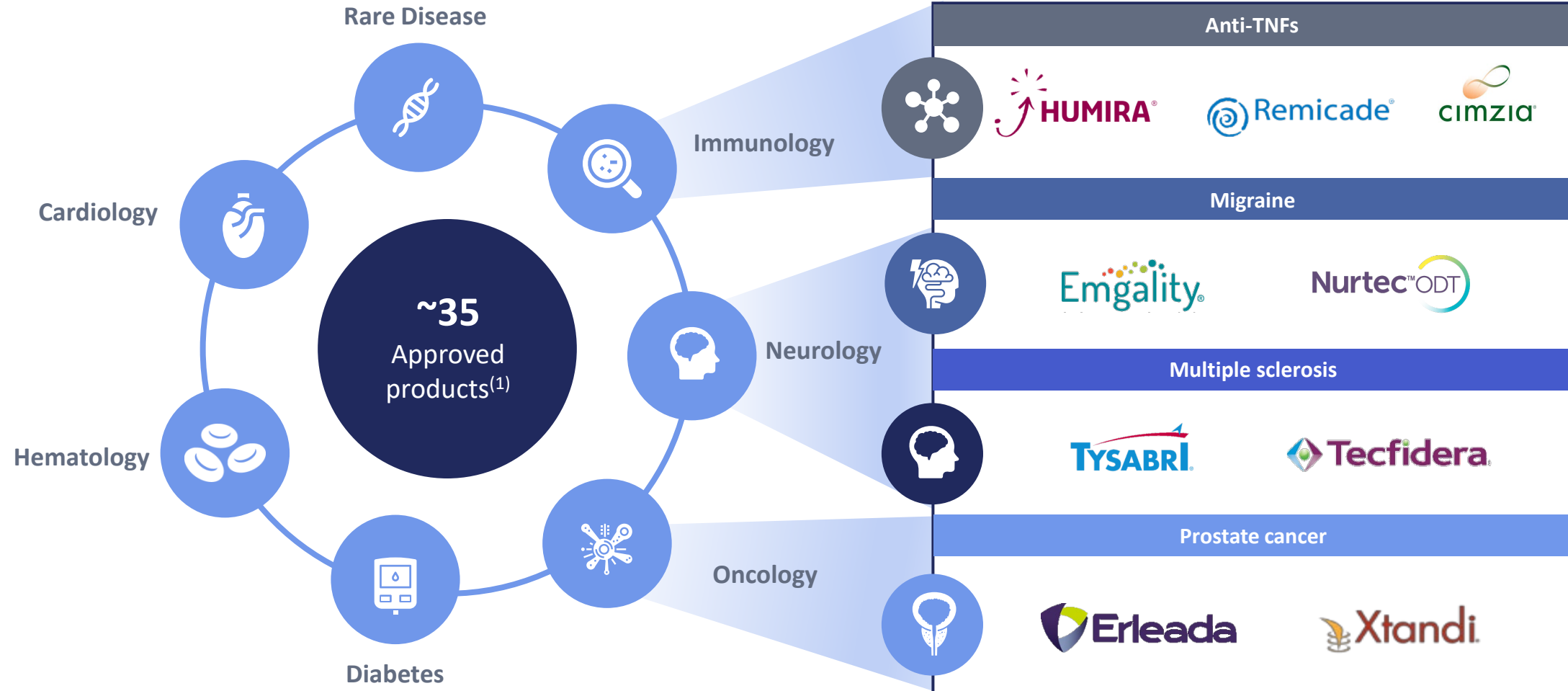
Industry leading exposure to blockbuster products



Portfolio includes premier products and franchises backed by strong support from marketers

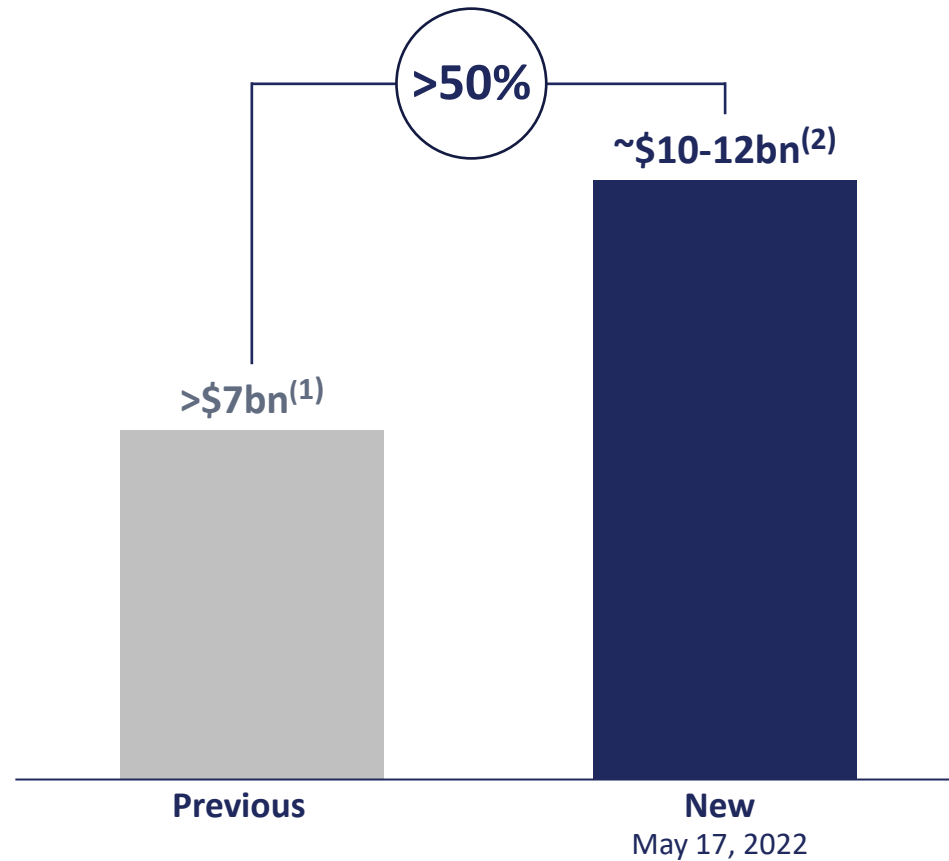
Portfolio agnostic to therapeutic area, modality and drug class

Unique ability to invest in multiple products in the same class or TA



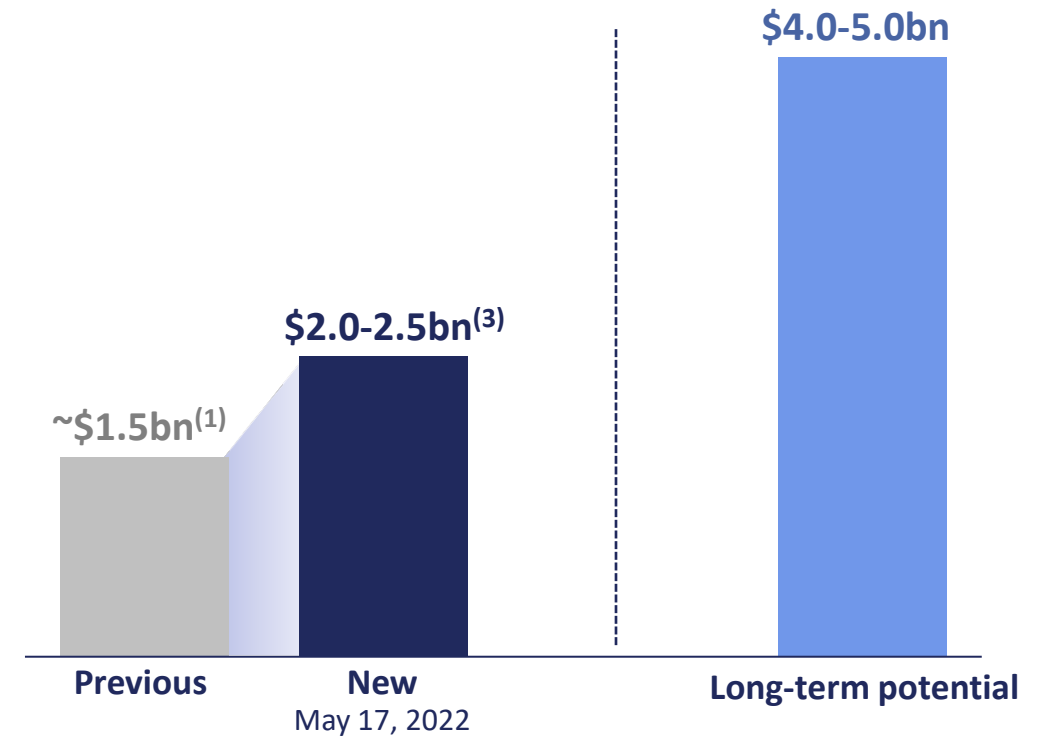
Expanding opportunity set driving accelerated capital deployment

5-year forward capital deployment target



Implied average annual cash deployed

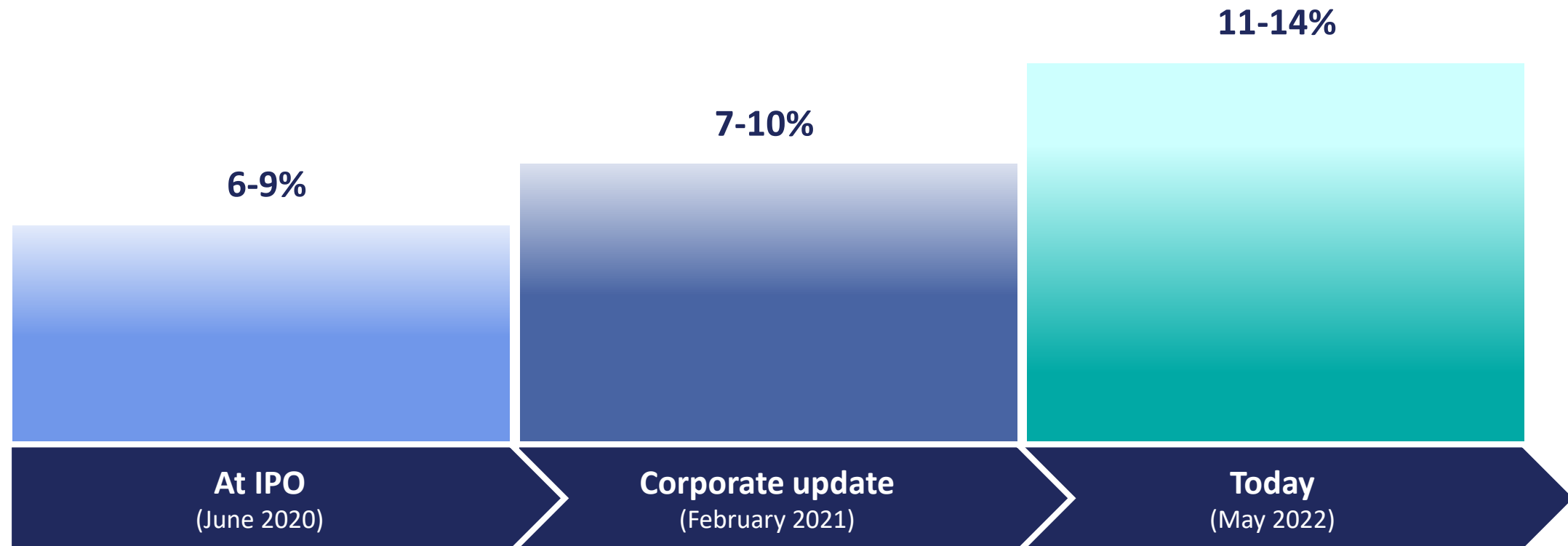
(year-to-year variability expected)



Increasing 5-year forward capital deployment target to \$10-12bn

Growth outlook has accelerated with strong business momentum

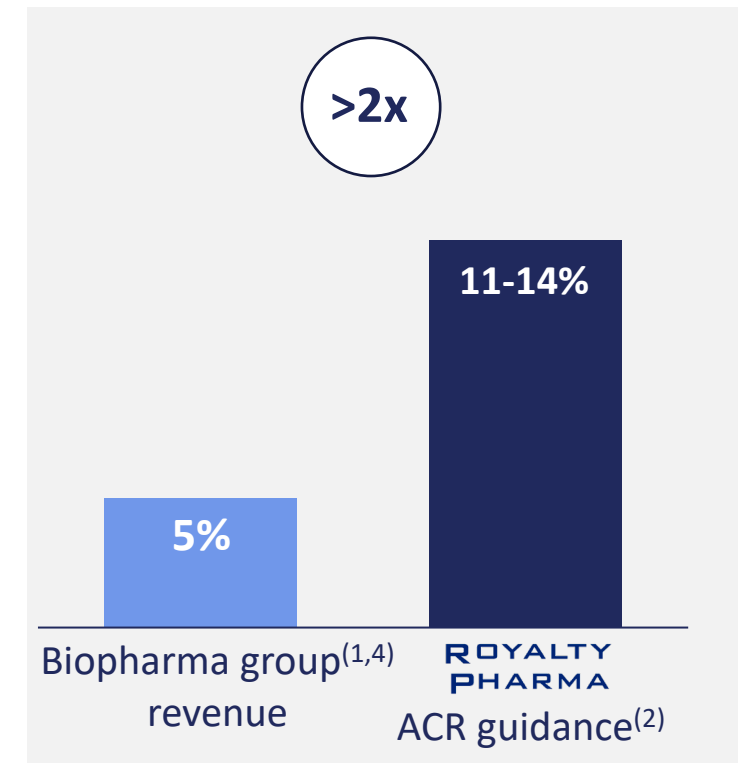
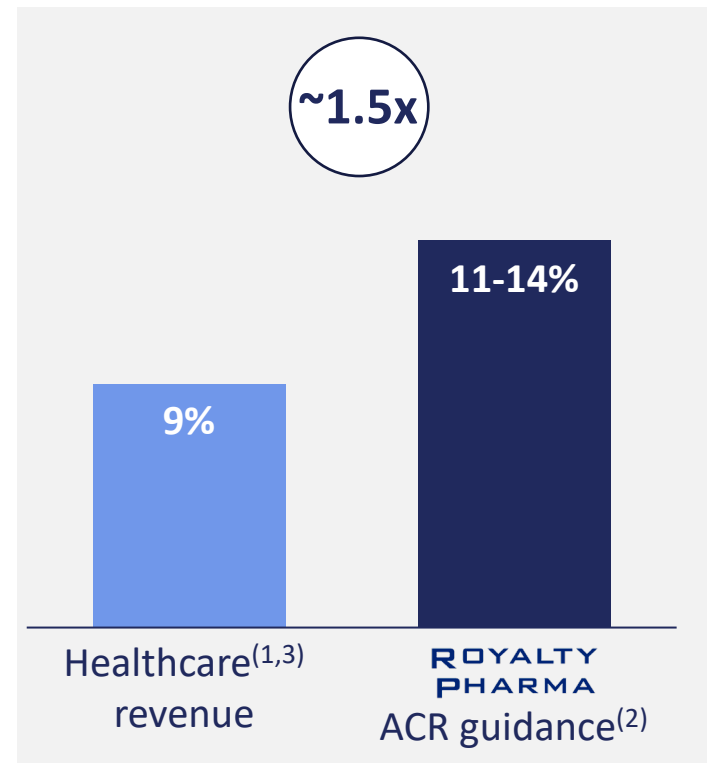
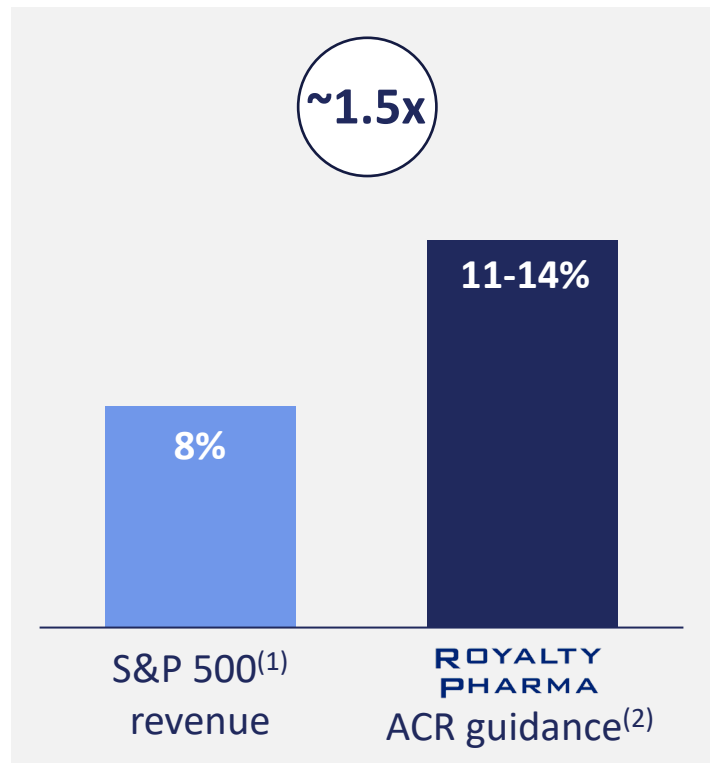
Adjusted Cash Receipts⁽¹⁾ (“top-line”) 2020-2025e CAGR outlook



Increasing long-term CAGR target by ~50% versus midpoint of previous range

Expect faster growth than S&P 500, healthcare & biopharma

Top-line growth comparison 2020-2025e⁽¹⁾



Longer term, we expect to achieve ACR CAGR of 10% or more over this decade

ESG – driving value for all stakeholders



Environmental

**We are laying the groundwork
for a robust environmental
program**

- Commitment to carbon neutrality
- Clear policy for reducing footprint
- Employee engagement and training
- Company-wide waste reduction efforts



Social

**We are committed to our
people, our stakeholders and
the community as a whole**

- Strong human capital, DEI focus
- Diverse employee base (49% women)
- Deep bench of expertise, low turnover
- Social Bond Framework (\$600m bond)
- Commitment to philanthropy



Governance

**Risk management, compliance
and high ethical standards are
foundational to our culture**

- ESG-informed investment processes
- Diverse, independent board
- Board oversight of ESG
- Robust governance policies and practices

Passionate about philanthropy and supporting our communities

Select philanthropic donations by Royalty Pharma and management



\$20m cumulative multi-year commitment to address disparities in medicine and promote health equity



\$7.5m cumulative multi-year commitment to address disparities in blood cancer treatment and care



\$25m to propel plans for a world-class, nationally designated cancer center⁽¹⁾



\$5.3m to support innovative COVID-19 healthcare research and solutions

\$62m in contributions to non-profit institutions from 2020 to present

Combating health disparities in underserved communities



Creation of the Mount Sinai-Royalty Pharma Alliance for Health Equity Research

- Study and address biological, social, financial, neighborhood and other factors that affect health outcomes for racial, ethnic, gender minorities and other underserved communities

Purpose

- Eliminate disparities in the diagnosis and treatment of diseases in underserved communities
- Promote health equity

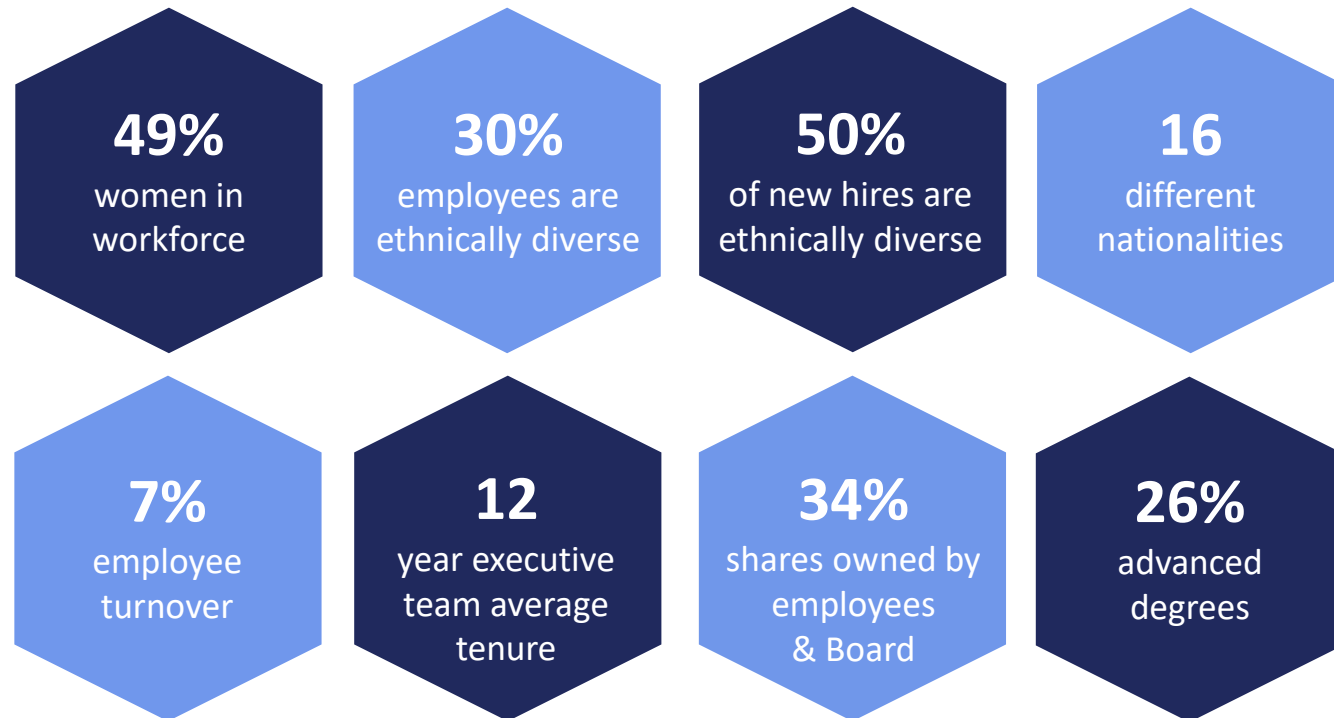
Royalty Pharma Focus

- Fund the **Institute of Health Equity Research (IHER)**
- Assist by mapping of disparities landscape, clinical trial design and big data research on claims leveraging existing knowledge and data resources

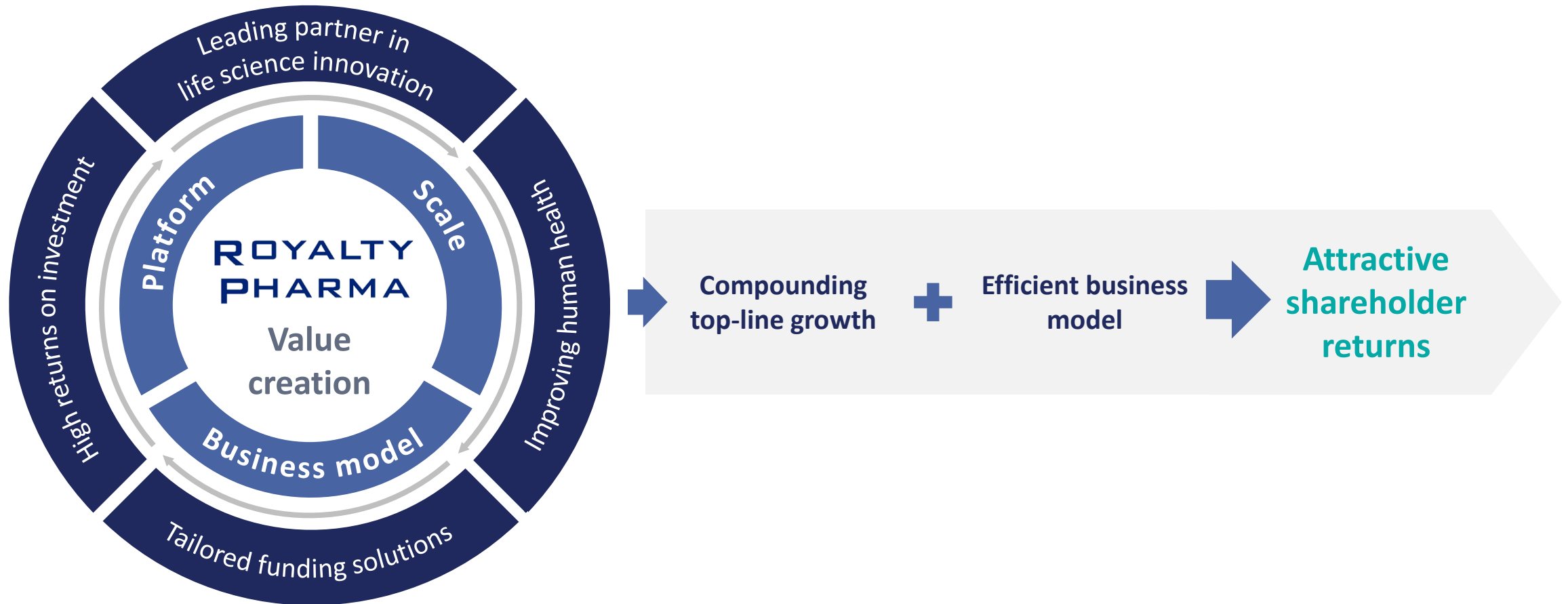
\$20m pledge to Mount Sinai over five years

Engaged, team-oriented culture with owner-operator mindset

Key statistics



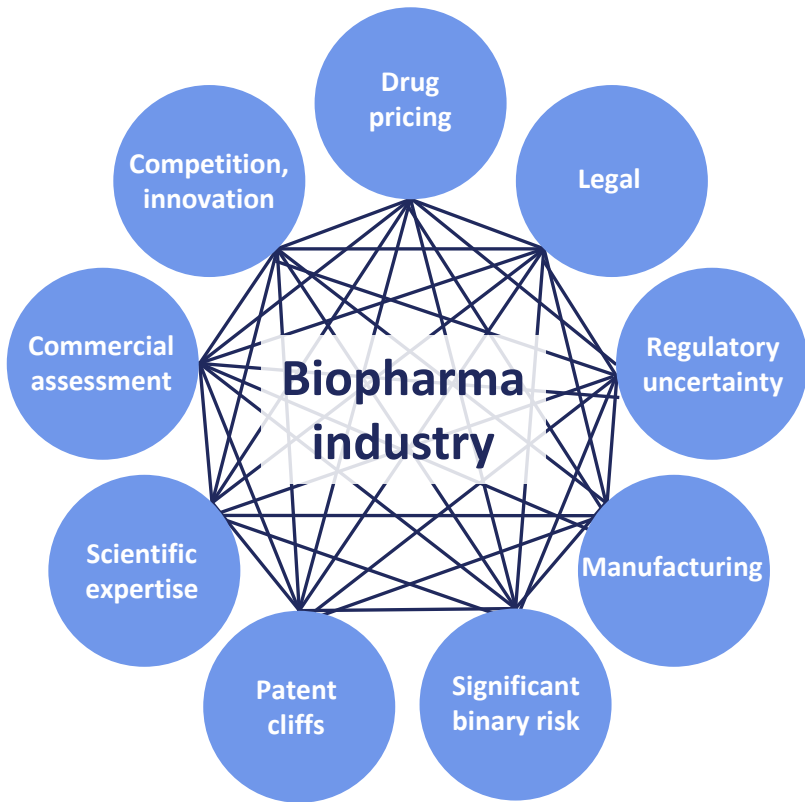
Powerful engine for value creation and compounding growth



Consistently replenishing portfolio, powering long-term compounding growth

A simple investment proposition in a highly complex industry

Successful biopharma investing is extremely complex



ROYALTY PHARMA offers a simple solution

- ✓ Efficient business of collecting share of top-line revenues on leading products
- ✓ Strong track record of product selection
- ✓ Rigorous diligence processes
- ✓ Highly diversified portfolio
- ✓ Minimal binary clinical risk
- ✓ Proven ability to replenish portfolio

Royalty Pharma's opportunity

Chris Hite

Executive Vice President and Vice Chairman

ROYALTY PHARMA



Key messages

1

Expanding opportunity

Industry fragmentation and increasing drug development complexity driving royalty creation

2

Significant capital needs

>\$1 trillion of capital required to fund biopharma innovation over the next decade

3

Innovative funding

Synthetic royalties broaden opportunity set to entire universe of late-stage drug development

4

Facilitating M&A

Trusted partner enabling M&A through full suite of funding solutions

5

Differentiated sourcing

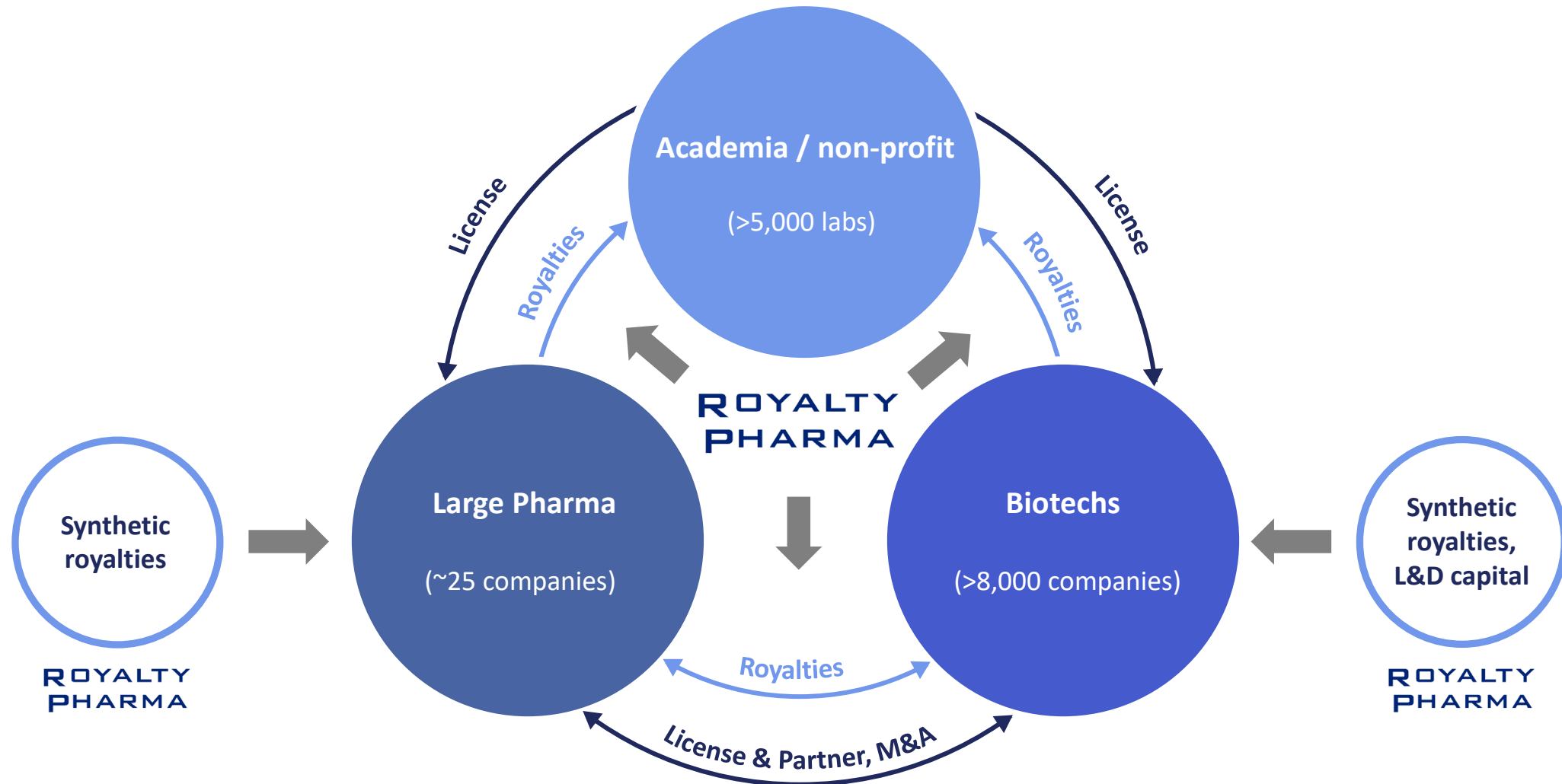
Proprietary sourcing and relationships provide powerful competitive advantage

Advancing our partners' core mission with win-win solutions

Structure	Potential benefits to partner
Existing royalties	<ul style="list-style-type: none"> • Diversification of asset portfolio • Non-dilutive funding for business growth and investment • Upfront capital today in exchange for a long-dated stream of payments
Synthetic royalties	<ul style="list-style-type: none"> • Funding for completion of development and commercialization of portfolio • Retain operational control of development programs • Lower cost of capital than issuing equity
Launch & development capital	<ul style="list-style-type: none"> • Launch funding offers flexible, patient, long-term alternative financing • Lower cost of capital than selling equity and less restrictive than debt
M&A	<ul style="list-style-type: none"> • Monetize non-strategic passive royalties to reduce net M&A price • Capital provided through purchase of royalties and supplemental funding

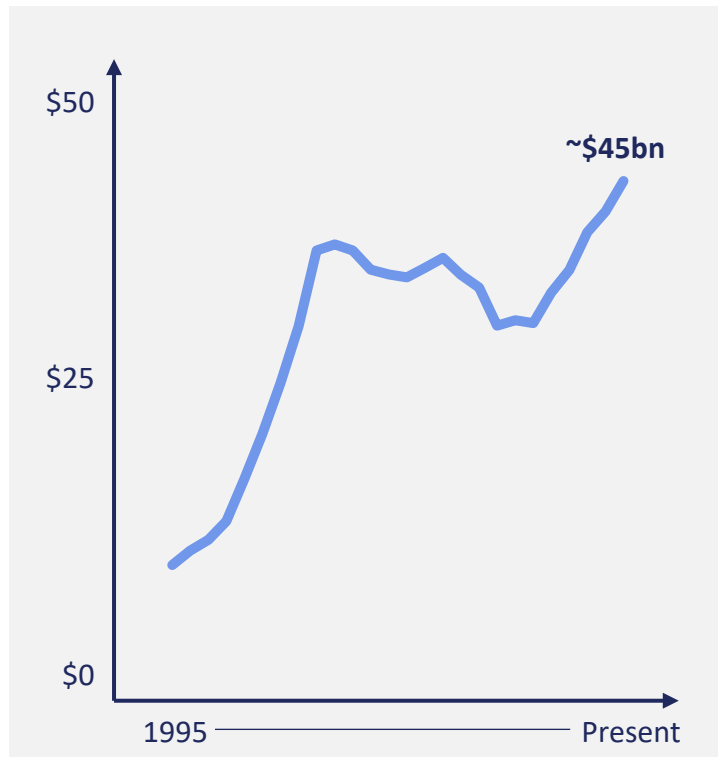


Industry fragmentation and complexity drive royalty creation

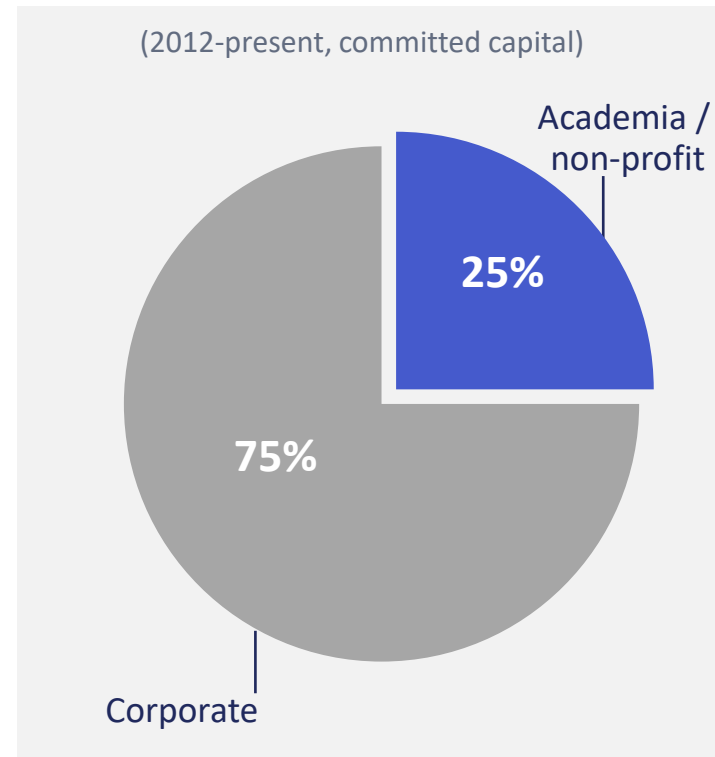


Existing royalties created by academia and non-profits

NIH federal funding increasing



Royalty Pharma transactions



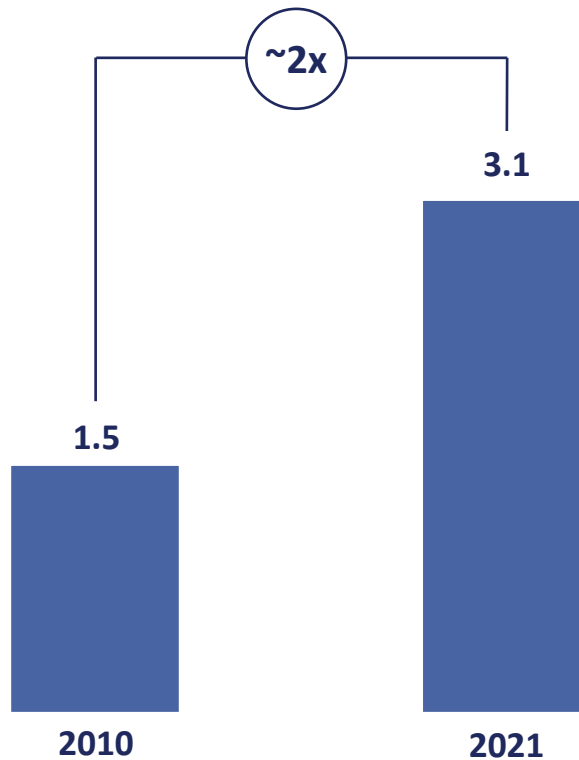
Select academic & non-profit partners



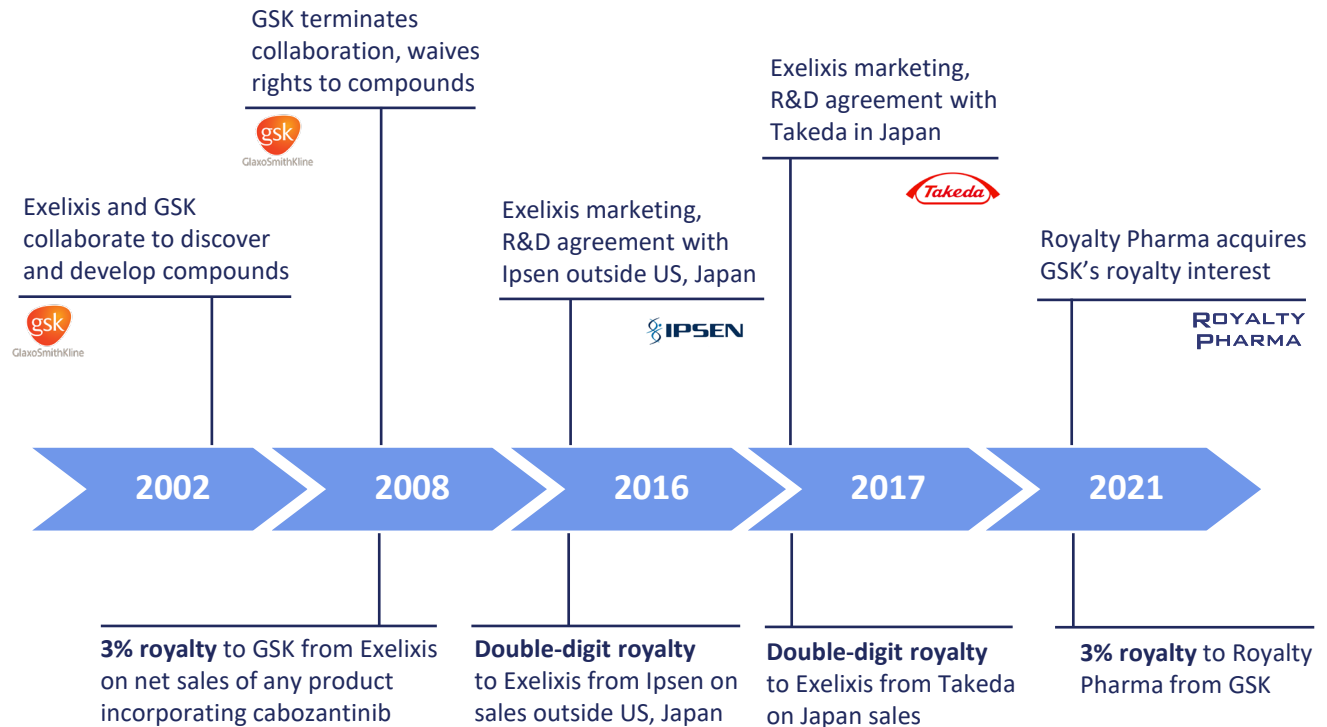
>\$100 billion invested per year globally by government, academia and research institutions⁽¹⁾

Existing royalties created through licensing and partnering

Pharma licenses and partnerships
(average per approved drug)

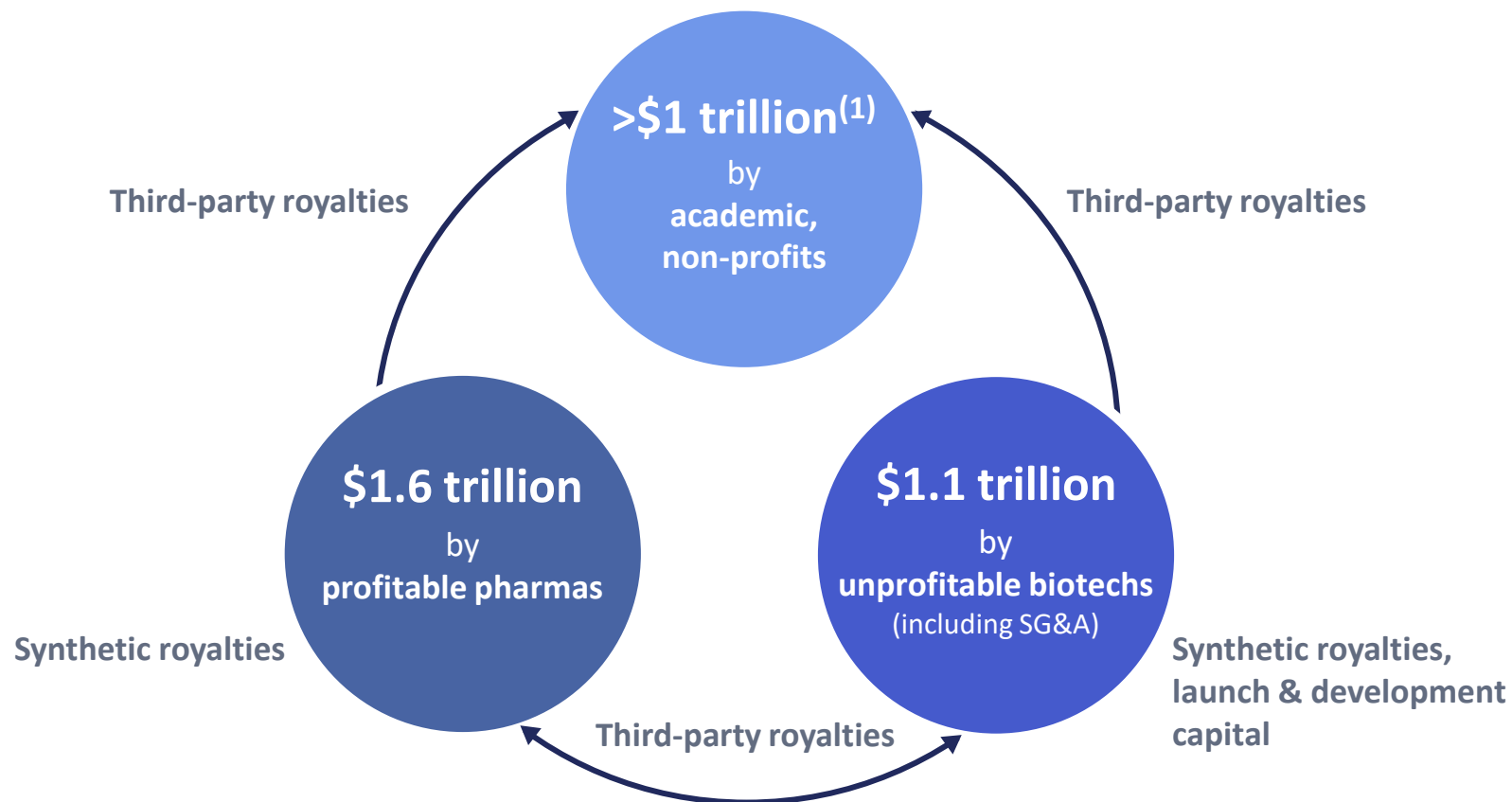


Exelixis' Cabometyx: industry collaborations resulted in multiple royalties

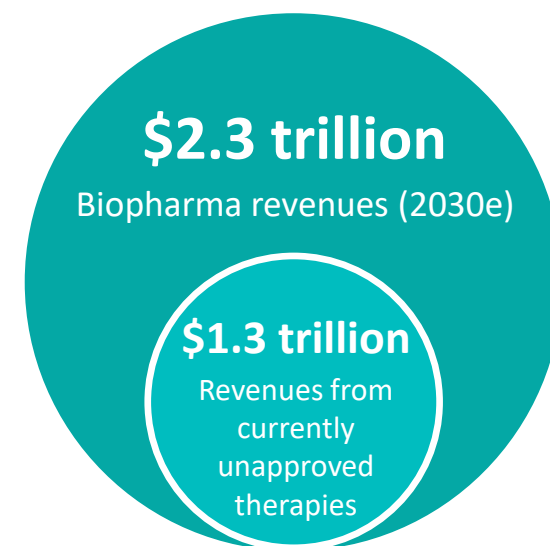


Significant opportunity to fund biopharma innovation

Biopharma ecosystem cumulative R&D spend over next decade



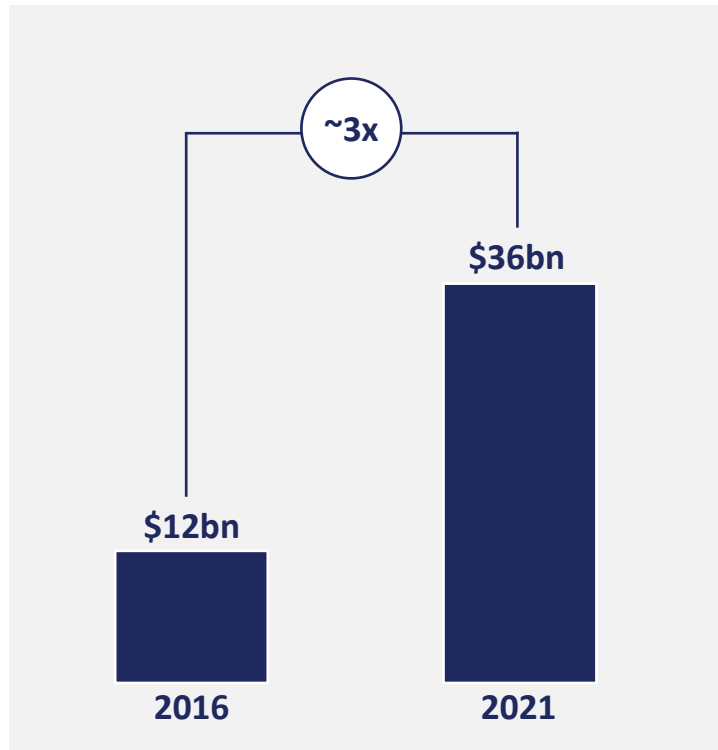
Global pharma market⁽²⁾



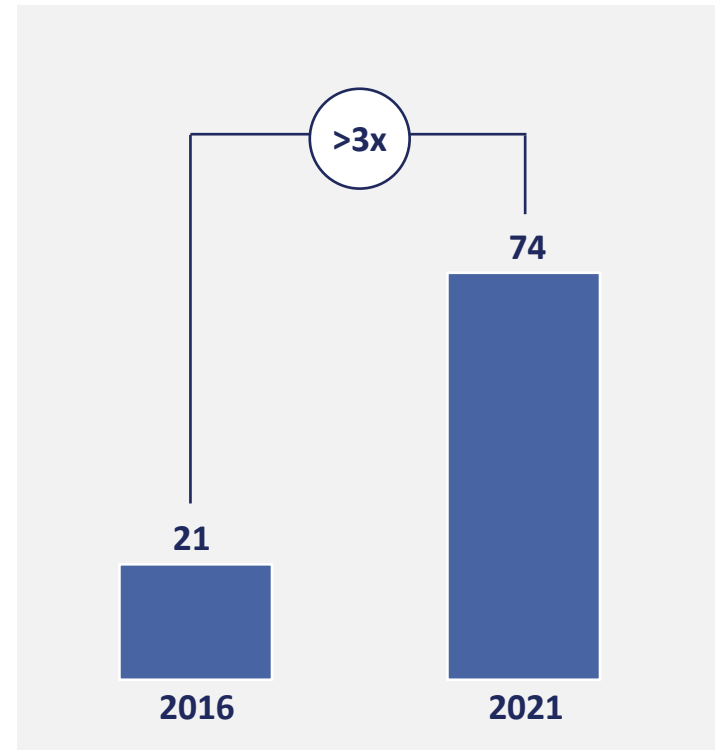
Entire biopharma ecosystem drives our pipeline

Biotech company formation expands our opportunity set

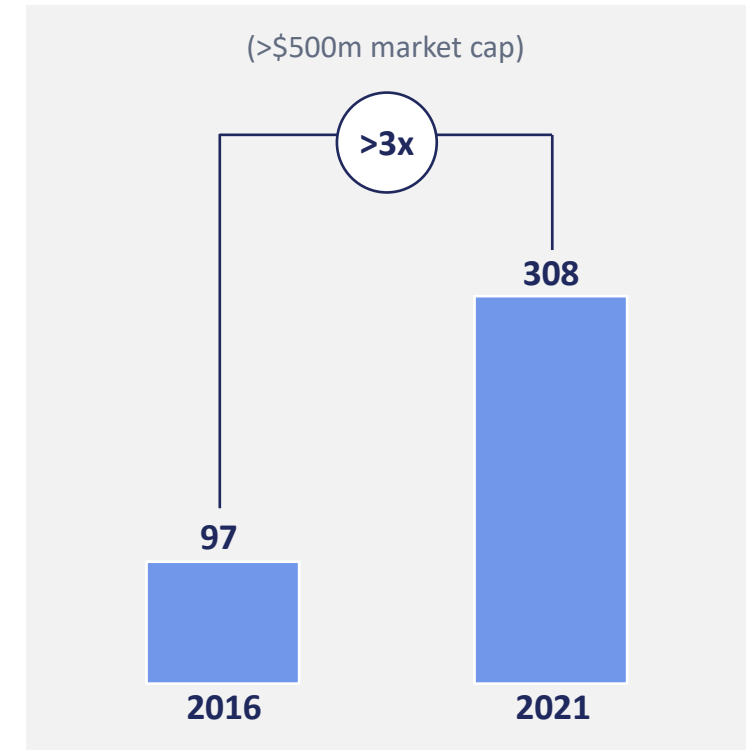
Venture capital biotech investments



Biotech initial public offerings



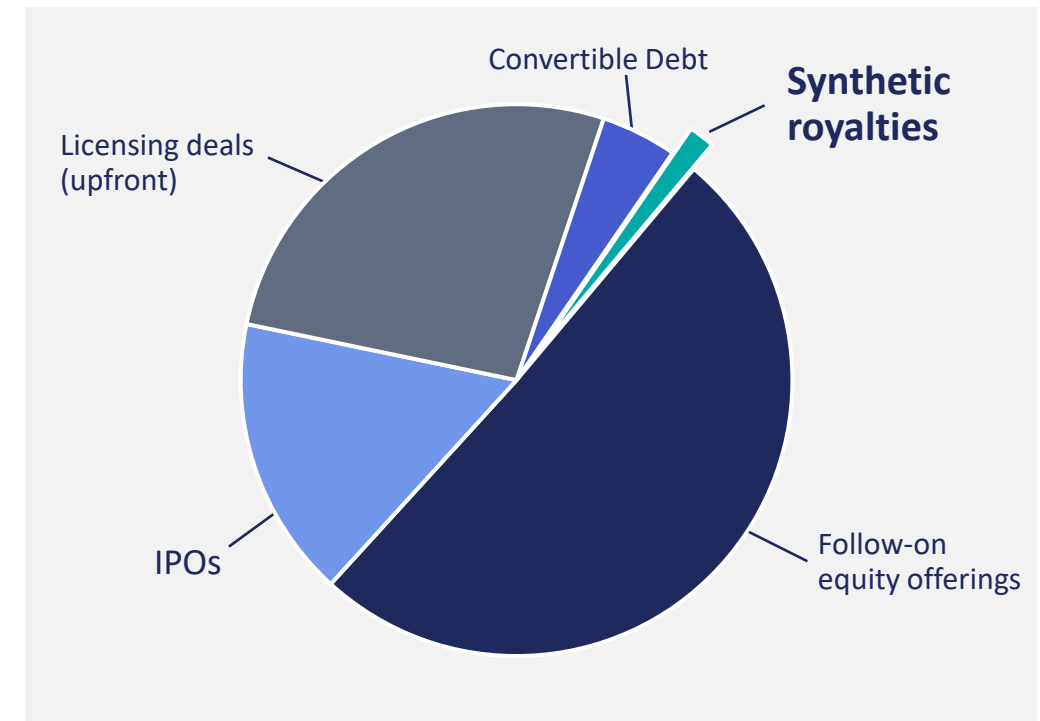
Public biotech companies



Synthetic royalty opportunity is underpenetrated

- Synthetic royalties – a recent innovation with significant growth potential
- Multiple potential benefits
 - Innovator retains operational control
 - Capital at scale
 - Program and product specific
 - Lower cost of capital vs. equity
 - Non-dilutive to equity and preserves equity upside
 - Flexible and creative structuring
 - Independent validation of opportunity
 - Preserves attractiveness to strategic acquirer

>\$260bn biopharma industry funding, 2017-2021^(1,2)

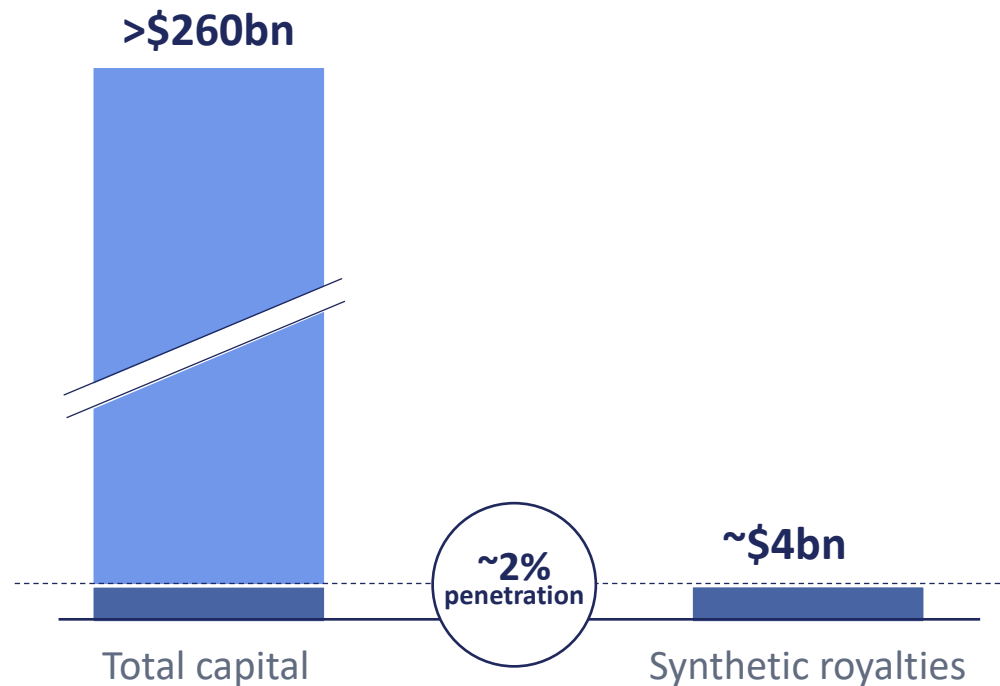


Synthetic royalties represented only ~2% of biopharma funding over past 5 years

Synthetic royalty market has room for significant growth

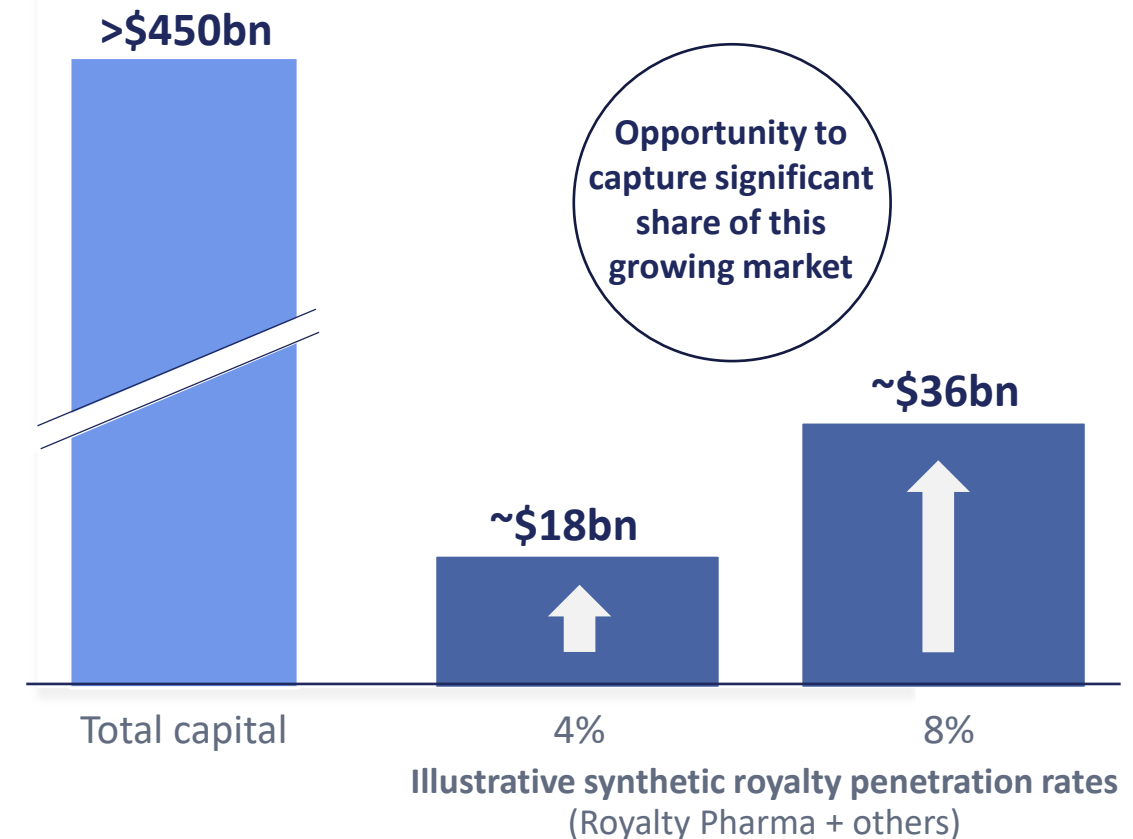
Biopharma funding sources^(1,2)

(2017 to 2021)



Synthetic royalty opportunity

(Cumulative next 5 years⁽³⁾)






Source: Dealogic, Biomedtracker, internal estimates, Evaluate.

1. Includes capital raised through initial public offerings (IPOs), follow-on offerings, equity linked issuances and upfronts from licensing deals.





2. Royalty funding includes upfront investment consideration, including acquisitions of synthetic royalties and associated equity investments.

3. Estimated capital needs for today's unprofitable biopharmas based on Visible Alpha, Dealogic, internal estimates.

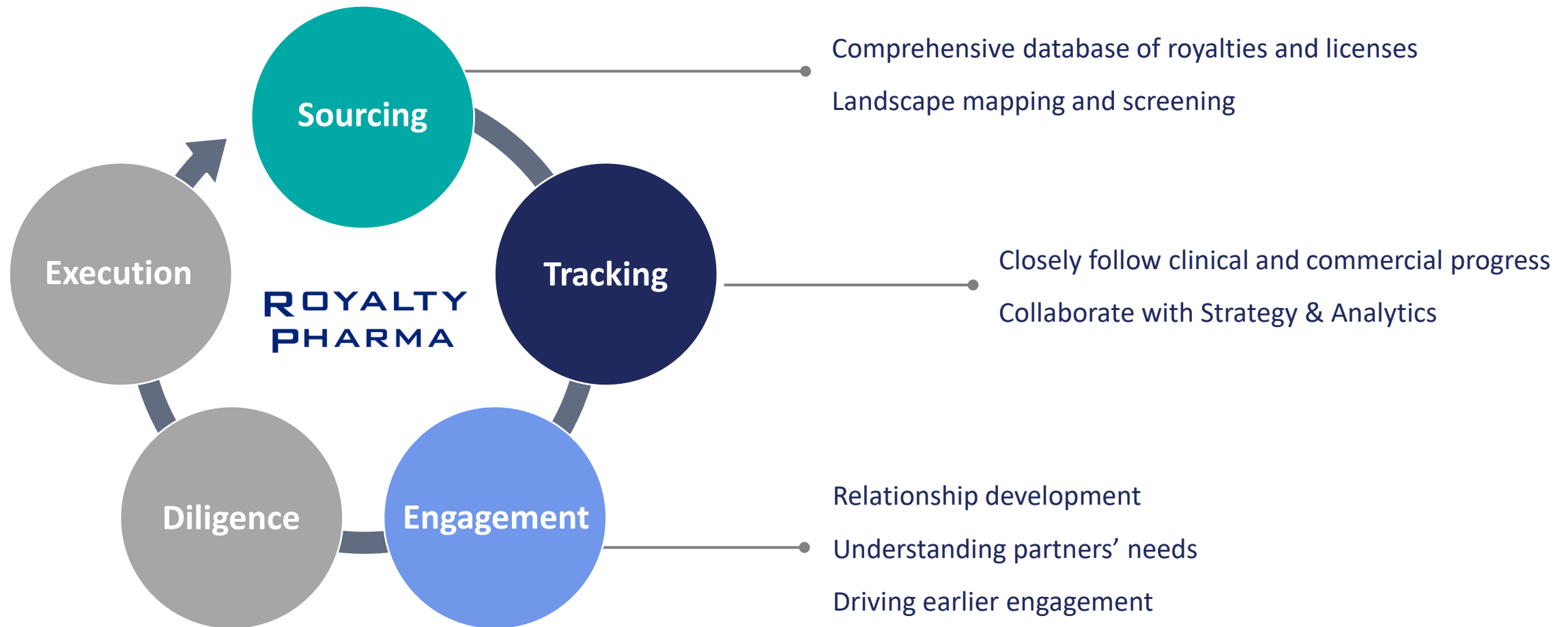
Expansion of partnerships validates unique model

	Capital provided	Assets acquired
	Up to ~\$835m across four transactions	Nurtec ODT and zavegepant royalties, commercial launch capital, preferred and common equity
	Up to \$325m across two transactions	Orladeyo and BCX9930 royalties and common equity
	Up to \$550m across two transactions	Aficamten and omecamtiv mecarbil royalties, common equity and commercial launch capital

Providing needed capital for M&A transactions

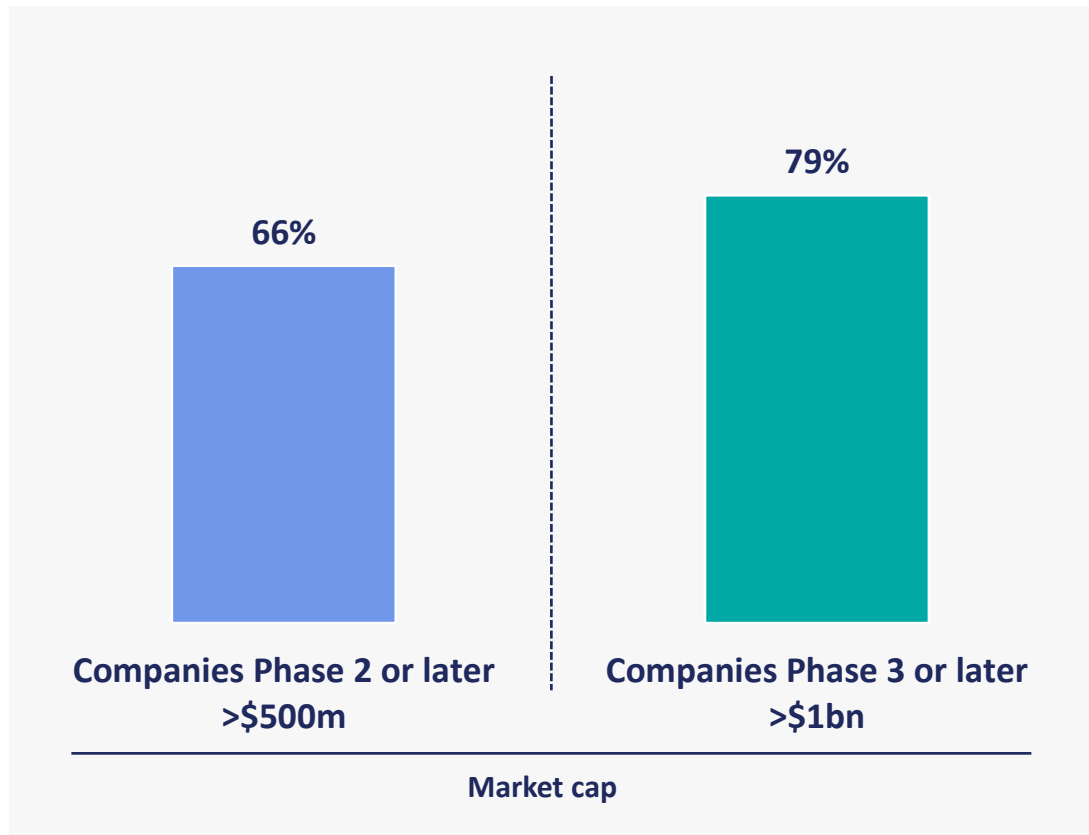
	Mid-cap M&A	Large pharma M&A	Divestitures
Challenge	Cash flow constraints historically have meant equity is the primary funding source	Non-strategic assets at target companies may significantly increase acquisition price	Increasing FTC scrutiny of M&A transactions may reduce attractiveness of target due to regulatory concerns
Our solution	Enable delivery of cash through synthetic royalty creation, third-party royalty monetization and/or launch and development capital	Reduce net price of acquisition by monetizing non-strategic royalty assets at target companies acquired by large pharma	Finance the acquisition of assets that must be divested due to anti-trust concerns
Examples	 	 	Emerging opportunity

Sourcing is integral to our business and a key focus for growth



Effectively reaching significant majority of potential partners

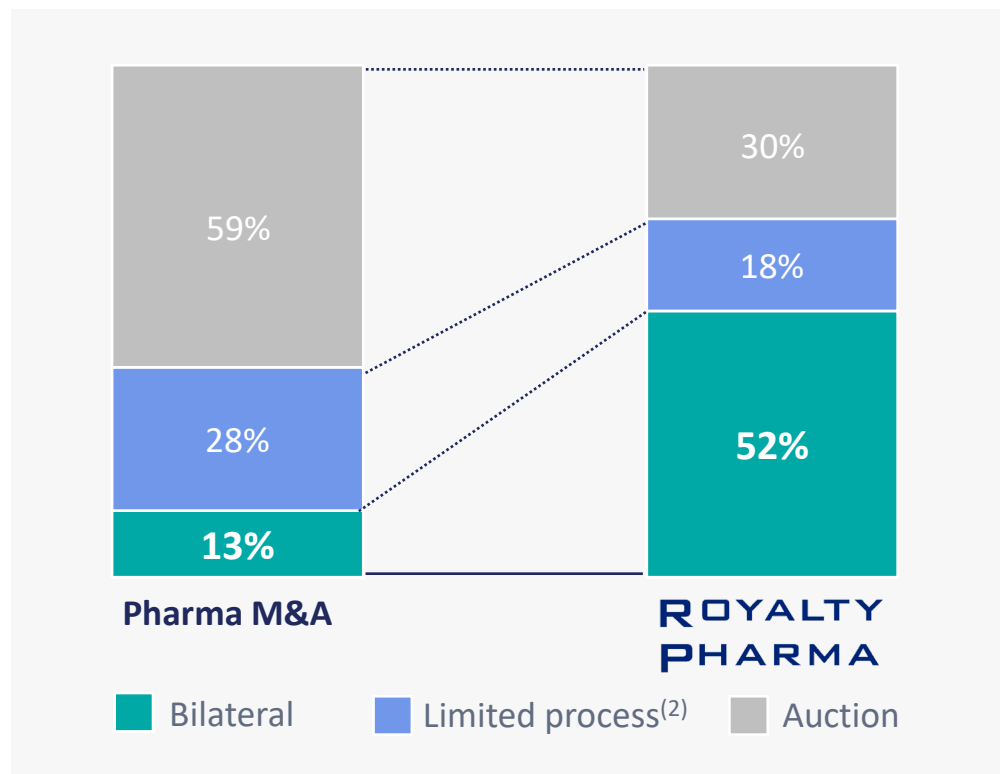
Meetings in Royalty Pharma network



- Meetings with 79% of companies Phase 3 or later >\$1bn market cap
 - Meetings with 66% of companies Phase 2 or later >\$500m market cap, cultivating relationships for future potential partnerships
- Further expand outreach capabilities and calling frequency
- Strategic plan to develop the market for synthetic royalties through greater awareness and education

Proprietary sourcing provides competitive advantage

Source of deals⁽¹⁾



Network of deep relationships



Track record of “win-win” outcomes



Scale advantages



Strong record of value-enhancing acquisitions

Majority of Royalty Pharma transactions negotiated on a bilateral basis

Key messages

1

Expanding opportunity

Industry fragmentation and increasing drug development complexity driving royalty creation

2

Significant capital needs

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5

Differentiated sourcing

Proprietary sourcing and relationships provide powerful competitive advantage

Scaling our unique investment capabilities

Marshall Urist, MD, PhD

Executive Vice President,
Head of Research & Investments

ROYALTY PHARMA



Case studies



Partnering with biotechs to support their growth journey

Brienne Kugler

Vice President,
Research & Investments



Executing complex transactions with our full suite of funding solutions

Sara Klymkowsky

Vice President,
Research & Investments

Key messages

1

Top-tier talent

Attract and develop the best and brightest is key to our long-term success

2

Differentiated process

Exhaustive diligence process institutionalized over **25+** years

Add value to our process and partners through Strategy & Analytics, our data platform

3

Scalable platform

Built to leverage our unique position and capabilities in life sciences

21 products in **~25** diseases added since beginning of 2020

Unique Research & Investments team and process



Pioneering the royalty
market for 25+ years

Innovating new funding solutions,
including synthetic royalties



One Royalty Pharma team at the
center of every transaction

Long-tenured expert team
with deep scientific experience



Open business model: tailored
solutions and true partnerships

Proud of partnerships that grow
over multiple transactions



Platform built to scale
with the royalty market

Team and process growing to address the
large opportunity ahead



Exhaustive diligence process
sharpened over decades

Able to integrate and interpret a broad
and expanding information set



Leveraging big data through
Strategy & Analytics

Unique platform for clinical trial analysis
and market evaluation

Our foundation for success starts with our people



Sandy Balkin, PhD

Senior Vice President,
Strategy & Analytics
Joined Royalty Pharma in 2021



Sara Klymkowsky

Vice President,
Research & Investments
10 years at Royalty Pharma



Vivian Liu, MD

Vice President,
Research & Investments
Joined Royalty Pharma in 2021



Bill Grau, PhD

Vice President,
Strategy & Analytics
Joined Royalty Pharma in 2021



Brienne Kugler

Vice President,
Research & Investments
8 years at Royalty Pharma
Morgan Stanley



Vlad Nikolenko, PhD, MBA

Vice President,
Research & Investments
5 years at Royalty Pharma



Matthew Lyons

Vice President,
Investments & Capital Strategies
Joined Royalty Pharma in 2020



Oodaye Shukla, MSEE

Vice President,
Strategy & Analytics
Joined Royalty Pharma in 2021



Gaurie Tilak, MD, MBA

Senior Associate,
Research & Investments
3 years at Royalty Pharma
McKinsey
& Company



Max Yoon

Senior Associate,
Research & Investments
Joined Royalty Pharma in 2020



Turner Kufe, MD

Senior Associate,
Research & Investments
Joined Royalty Pharma in 2021



Philip Liu

Senior Associate,
Research & Investments
3 years at Royalty Pharma



Sam Glazer

Associate,
Research & Investments
Joined Royalty Pharma in 2020
PIPER | SANDLER



Xico Gracida, PhD

Associate,
Strategy & Analytics
Joined Royalty Pharma in 2021



Alberto Sepulveda, PhD

Associate,
Strategy & Analytics
Joined Royalty Pharma in 2021



Henri Fernandez

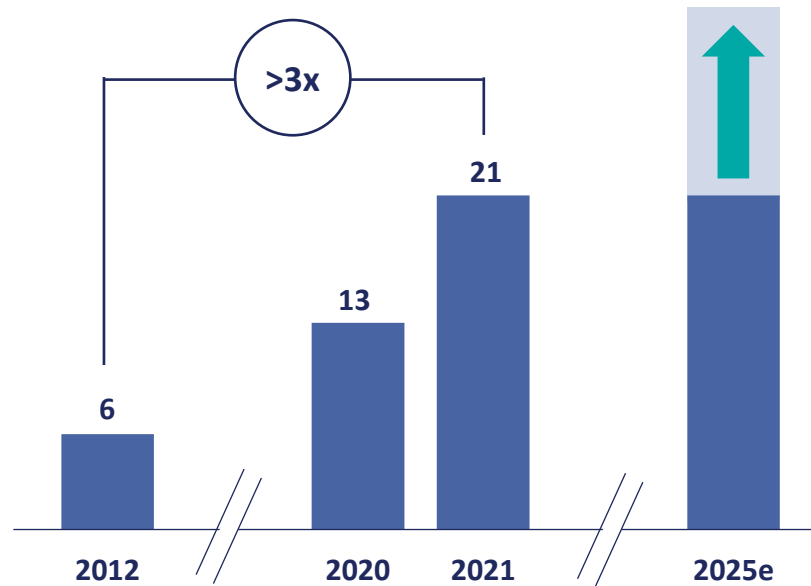
Associate,
Investments & Capital Strategies
Joined Royalty Pharma in 2021



Long-tenured team with significant scientific and investing experience is critical to our success

Growing our team for the significant opportunity ahead

Research & Investments team⁽¹⁾



Deep experience in Research & Investments⁽¹⁾

21 professionals

~5 year average tenure at Royalty Pharma⁽²⁾

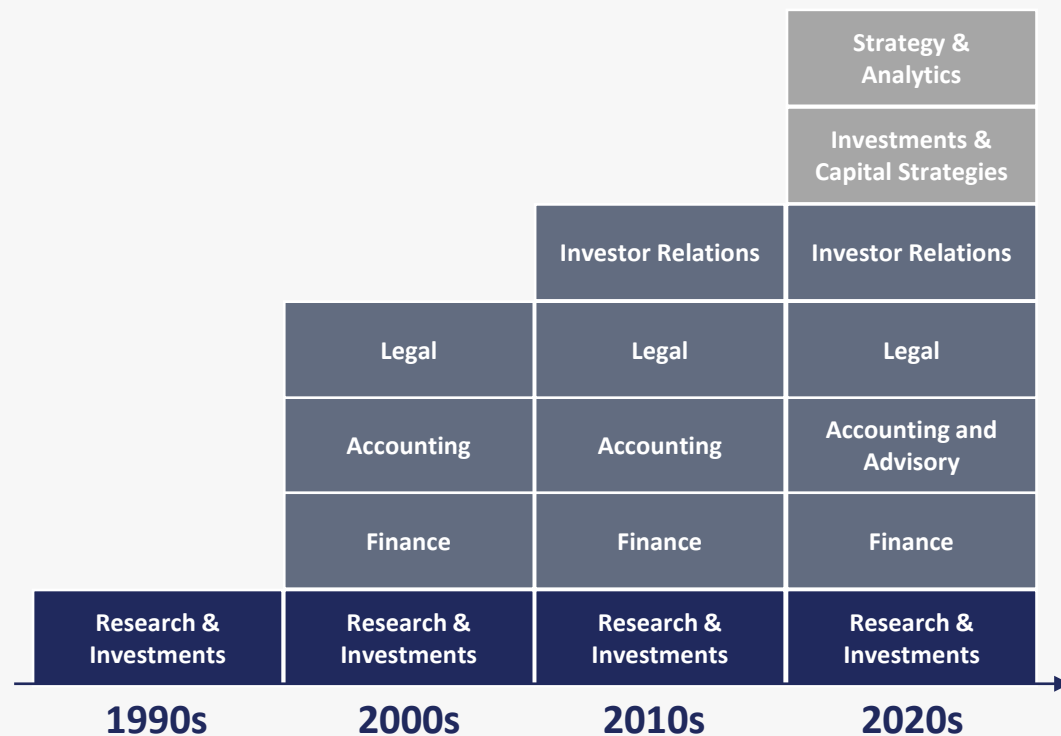
~14 year average biopharma and/or investment experience⁽²⁾

>60% advanced degrees

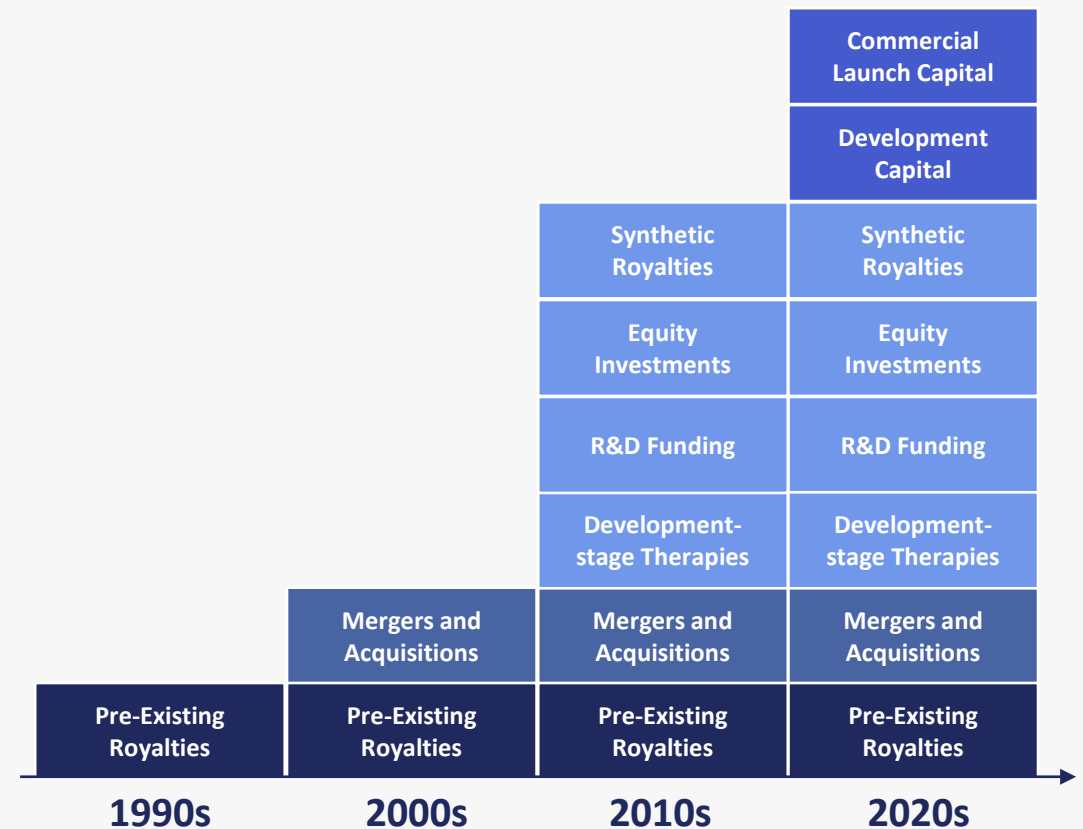
~50% scientific and/or medical degrees⁽³⁾

Scaling our platform and innovating new funding solutions

Royalty Pharma functions



Investment capabilities



Fundamental drivers of our investment process



Approach

- Select best project team based on therapeutic area expertise
- Flat structure with no organizational silos



Diligence

- Exhaustive research led by decision makers
- Leverage industry experts for best possible advice

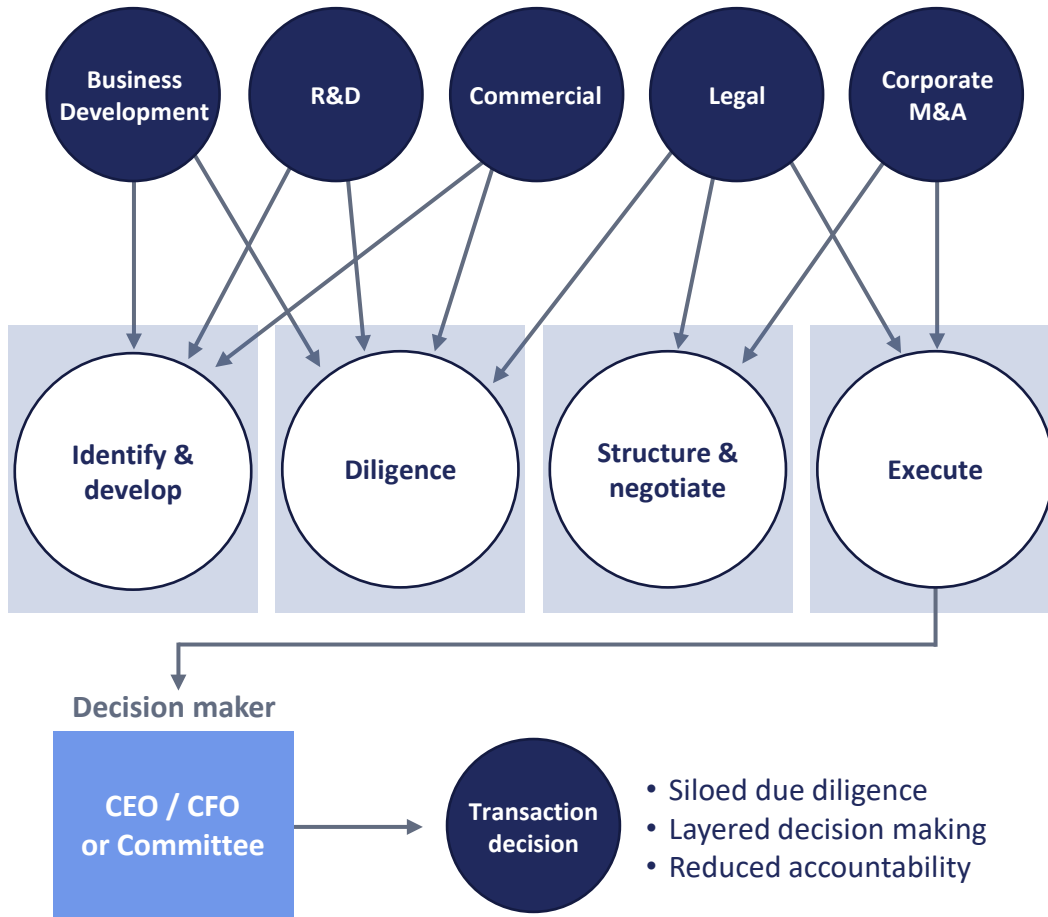


Accountability

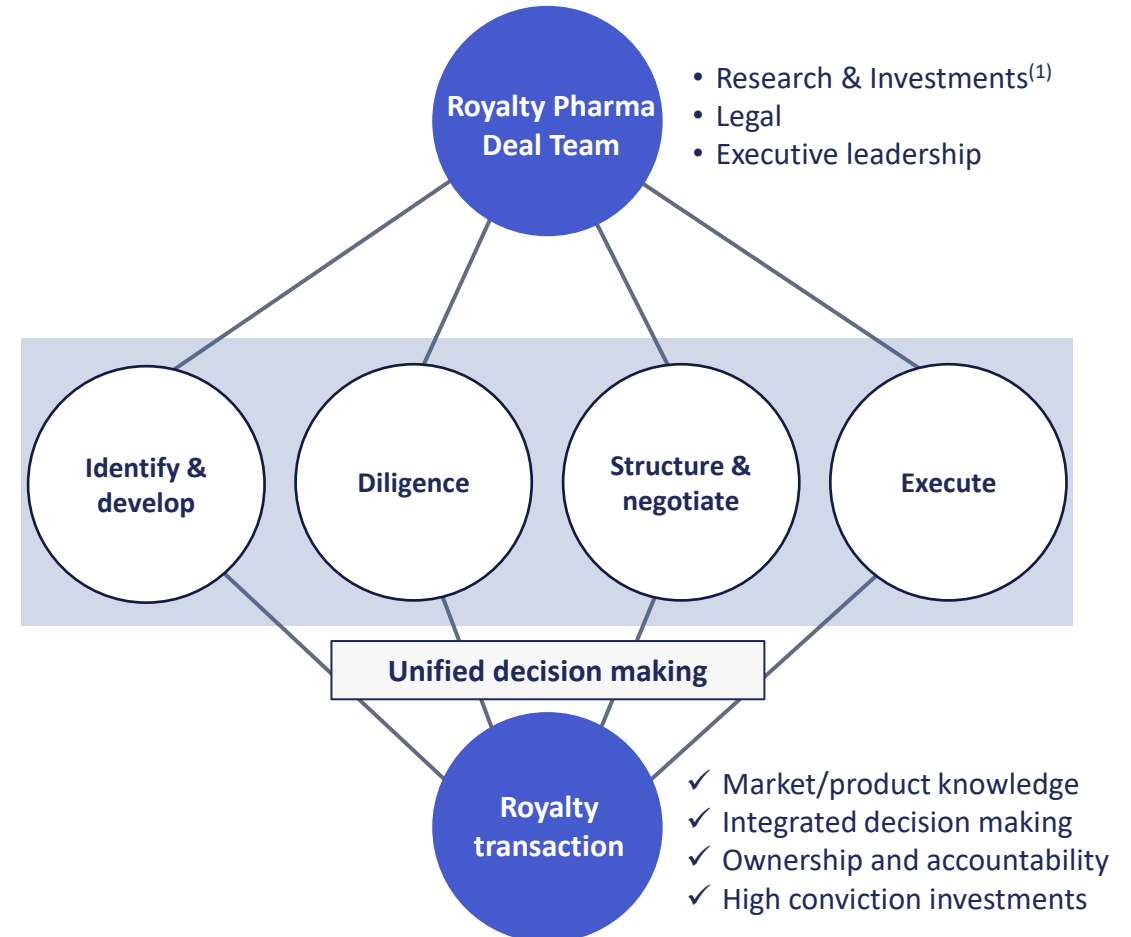
- One Royalty Pharma team owns entire deal process
- Executive leadership involved in every step of a transaction
- Owner-operator mindset

One Royalty Pharma team at the center of every transaction

Traditional business development



Royalty Pharma process



Exhaustive due diligence process sharpened over decades



Clinical



Regulatory, IP, Manufacturing



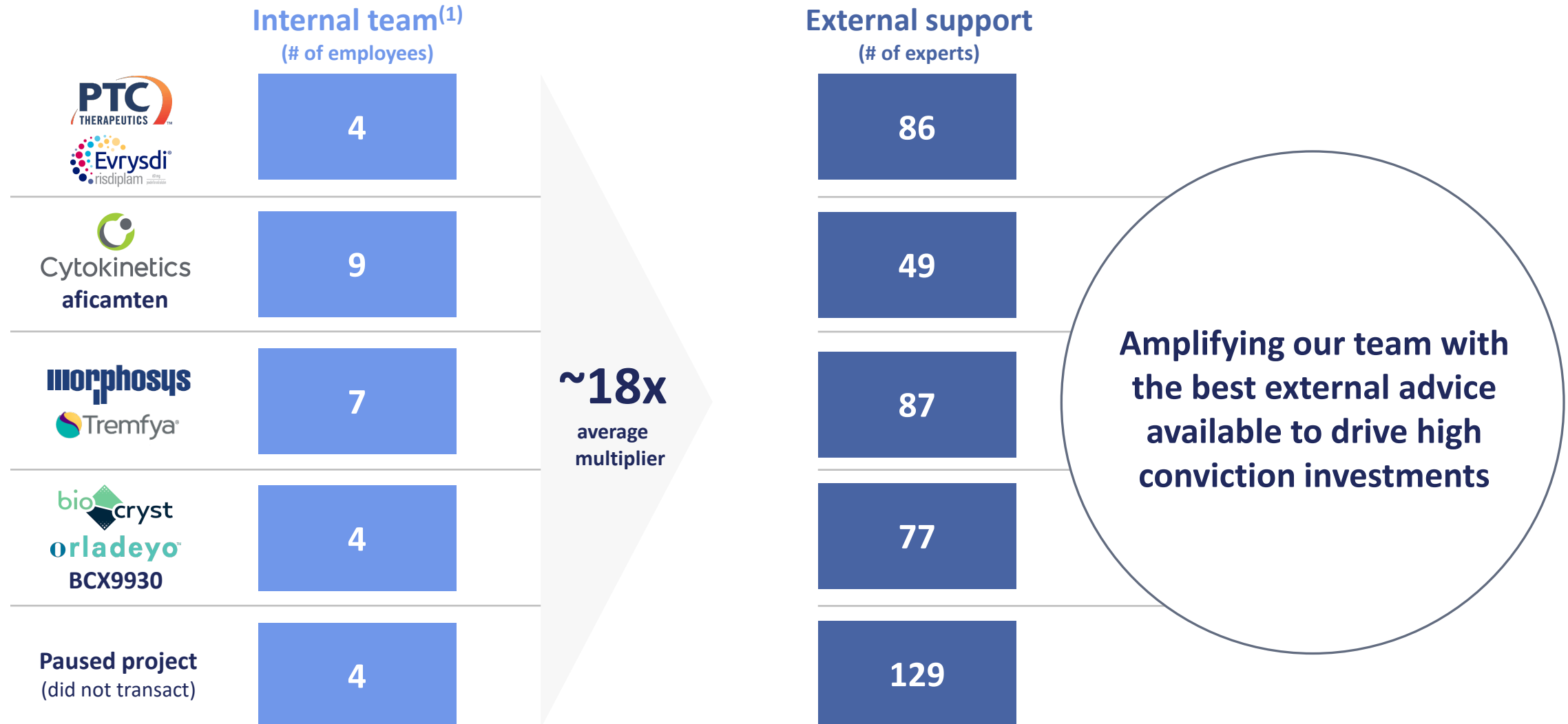
Commercial



Contracts, Governance

Physician diligence <ul style="list-style-type: none">• US/EU/Japan• KOL/academic• Community• Surveys	Non-clinical <ul style="list-style-type: none">• Pharmacokinetics• Pharmacodynamics• Dose modeling	Intellectual property <ul style="list-style-type: none">• US/EU/Japan and other• Litigation scenario analysis• Multiple opinions	Claims analysis <ul style="list-style-type: none">• Patient diagnosis, treatment, compliance• Site of care• Other patient metrics	Market sizing <ul style="list-style-type: none">• Patient finding• Claims-driven• Epidemiology• Scaled market surveys	Transactional <ul style="list-style-type: none">• Accounting treatment• Tax implications
Statistics <ul style="list-style-type: none">• Probability of success• Effect size modeling• Enrollment modeling• Statistical Analysis Plans	Toxicology <ul style="list-style-type: none">• Animal toxicologists• Specialized areas – (i.e., ophthalmology)	Manufacturing <ul style="list-style-type: none">• Modality expertise: small molecule, biologics, gene therapy• Regulatory perspectives• Capacity planning	US pricing <ul style="list-style-type: none">• Pricing modeling• Gross-to-net modeling	Payors <ul style="list-style-type: none">• Payor/PBM executives• Formulary analyses	Licensing and contracts <ul style="list-style-type: none">• Analysis of contract language• Risk assessment• Expert structuring and drafting
Clinical <ul style="list-style-type: none">• Interview former R&D executives• Patient level data analysis• Immunogenicity and specific safety observations• Clinical trial design and study reports• Comparative analysis		Drug delivery <ul style="list-style-type: none">• Auto-injectors and devices• Design and human factors• Formulation technologies	Competition <ul style="list-style-type: none">• Landscape analysis• Product profile and cost comparisons	International access <ul style="list-style-type: none">• Market-by-market pricing• Addressable patients• Yearly access caps and other structures	Management & governance <ul style="list-style-type: none">• Experience and strategy• Compensation alignment
Patients & Caregivers <ul style="list-style-type: none">• Efficacy, tolerability, convenience perspectives• Social media		Regulatory <ul style="list-style-type: none">• US/FDA meeting minutes• EU/EMA meeting minutes• International (PMDA, other)• Consultants	Commercial strategy <ul style="list-style-type: none">• Interview sales and marketing executives, MSLs and district managers• Required promotional spend		Environmental, Social & Governance <ul style="list-style-type: none">• Board oversight• ESG-informed investment processes

Leveraging the best internal and external expertise available



Innovating our process through Strategy & Analytics



**In-house data team tightly integrated with
Research & Investments...**

Data driven with automation to provide scale

Increasing efficiency but also breadth	Competitive intelligence	Target company and product identification
---	-----------------------------	--

**...and further strengthens Royalty Pharma
as a strategic partner**

Earlier and more productive partner engagement

Landscape mapping and trial analysis	Medical claims and health records	Commercial market sizing and forecasting
---	--------------------------------------	---

Our ambitious vision for Strategy & Analytics

Strategic search and evaluation



Development
landscape scanning



Therapeutic area
mapping



Monitoring
emerging science



Clinical trial meta-
analysis and design

- Horizon scanning to position Royalty Pharma for the future
 - Identify emerging target companies and products
 - Enhance knowledge of pipelines and mechanisms in development
 - Perform clinical trial analysis and competitive intelligence
 - Stay ahead of faster biopharma innovation cycles
- Earlier partner engagement benefits business development

Data and analytics



Medical claims
analysis



Real world
evidence



Sales & marketing
benchmarking



Payor & formulary
landscape

- Unique insight from proprietary integration of data sources
 - Automation to ensure full coverage at scale
- Best-in-class platform for market evaluation and forecasting
 - Patient mapping – diagnosis, procedures and treatment
 - Long-term ambition to develop for global markets

Strategy & Analytics improves Royalty Pharma's investment process and adds value to our partners

Cytokinetics case study: hypertrophic cardiomyopathy (HCM)

Background



- Biotech focused on muscle biology, cardiology and neuromuscular diseases
- Drug pipeline in heart failure, HCM, SMA
- Corporate headquarters in San Francisco, California
- Royalty Pharma partnership in February 2017 for omecamtiv mecarbil (heart failure)

Challenge

What is the size of the commercial market for aficamten in HCM?

Key considerations



Novel
disease area



No FDA
approved therapies



Likely second
to market



Global market
development

Royalty Pharma solution

Conducted detailed market evaluation

- Unique Royalty Pharma capability
- Adds conviction to investment process
- 100% internal team and proprietary data
- Enhances engagement, value to partner

Analyzed medical claims and electronic health data

>150
commercial &
gov't payers

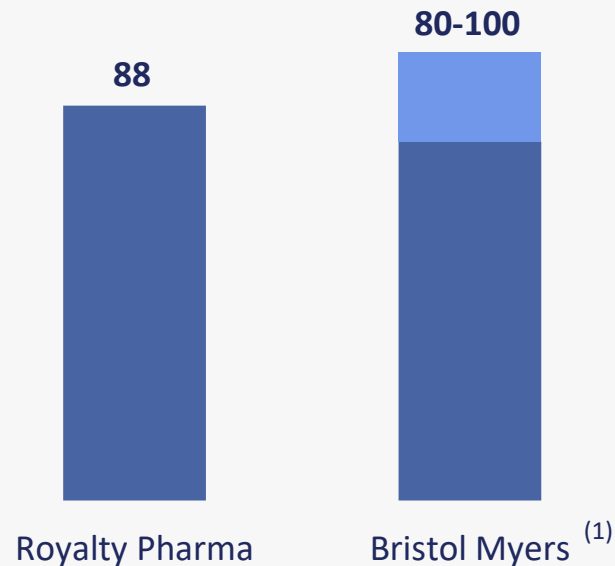
~90m
patient lives

~20k
practices

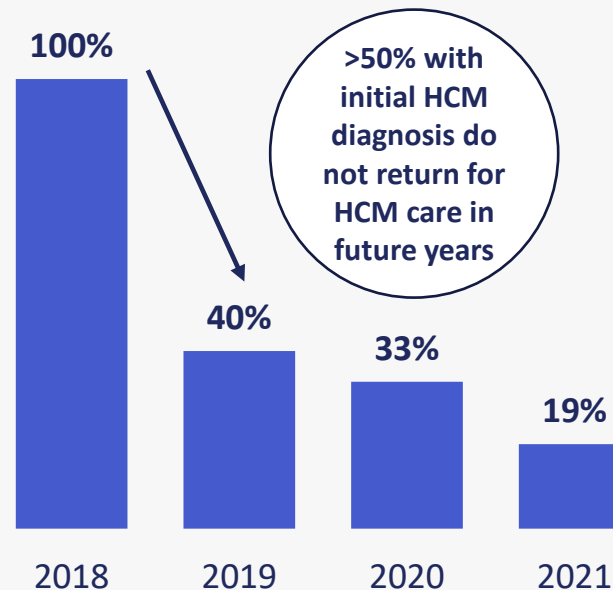
Proprietary data driven insights drive conviction

Claims analysis

oHCM market independently verified (diagnosed patients in thousands)



Significant market building opportunity (subsequent MD visits for patients diagnosed in 2018)

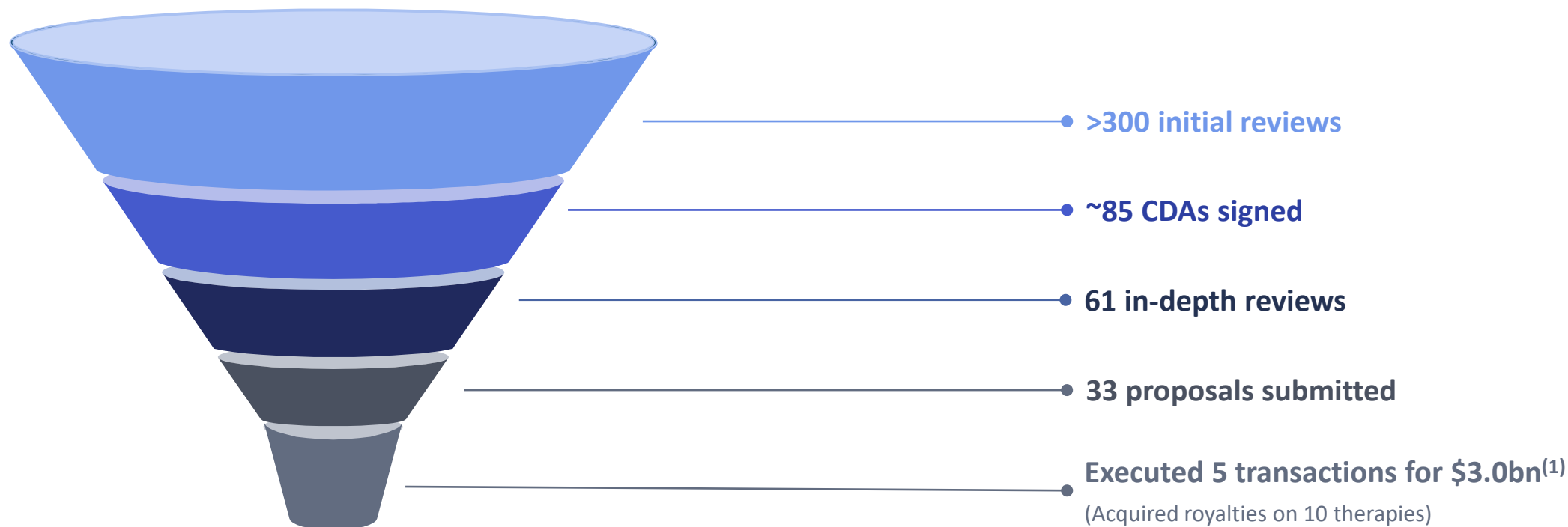


Result

- Strategy & Analytics provided conviction in the novel HCM commercial opportunity
- Expanded Cytokinetics partnership with up to \$450m in funding
 - Aficamten synthetic royalty for up to \$150m
 - Commercial launch capital of up to \$300m

2021 investment funnel highlights disciplined approach

2021 Royalty Pharma investment activity



Maintained strong financial discipline: ~3-4% of initial reviews resulted in an acquired royalty

Maintaining a disciplined investment process

Increasing inbounds lead to greater initial reviews

Streamlined and efficient review process

Expanding number of synthetic royalty reviews

Increasing market awareness of royalty funding

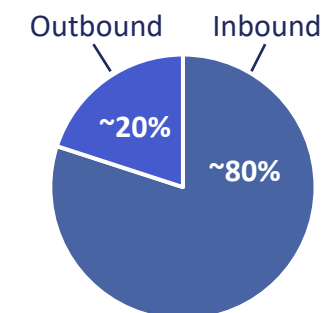
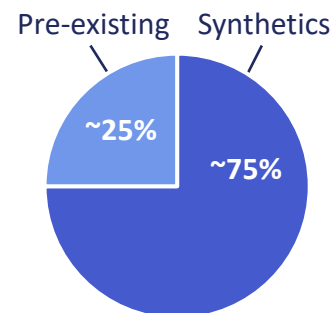
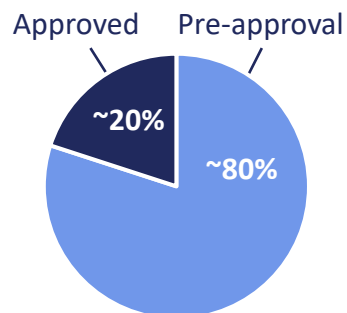
High quality bar for in-depth reviews

Outbound calls still drive majority of transactions

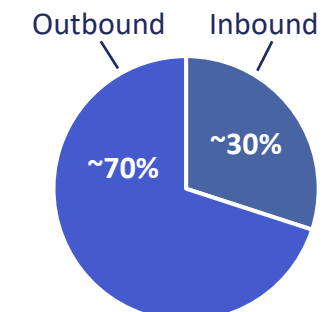
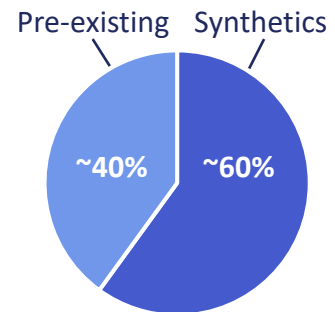
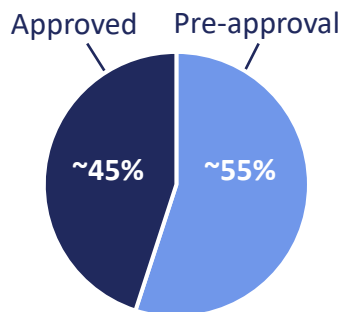
Selective on development-stage therapies we pursue

Balance between pre-existing and synthetic royalties

Initial reviews (2021)



In-depth reviews (2021)

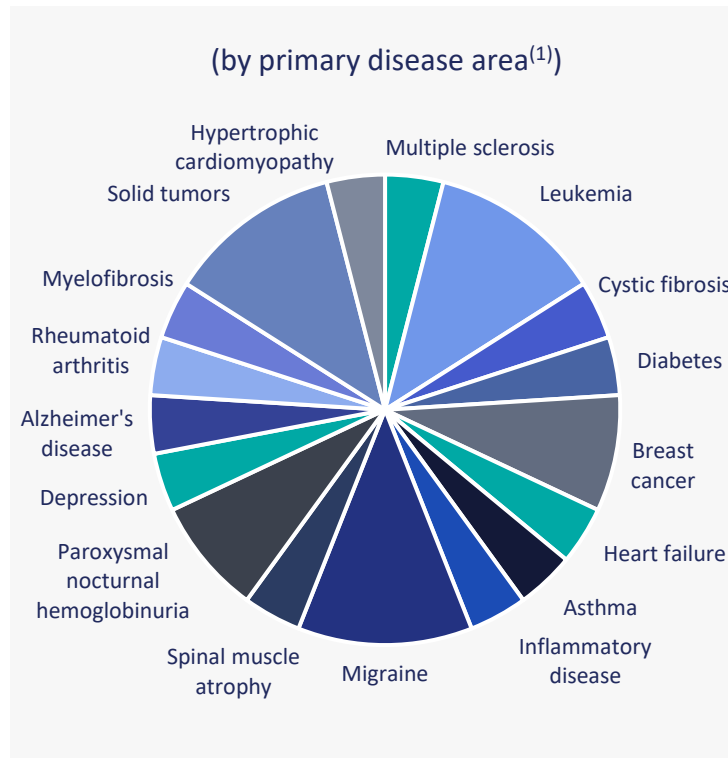


Successful history of investing in development-stage therapies

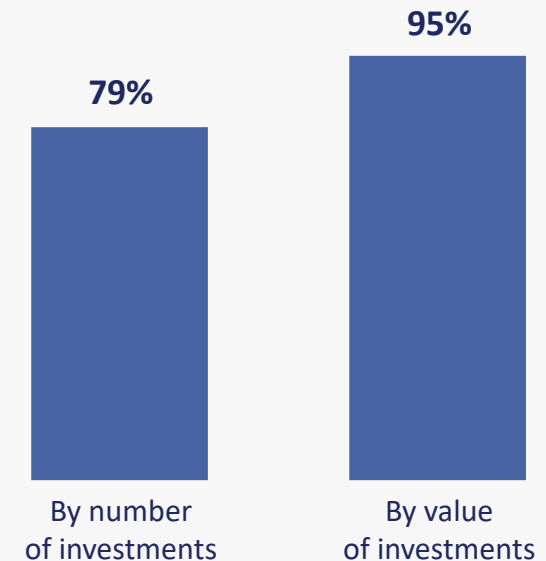
Robust development-stage portfolio

- Invested ~\$8bn in development-stage therapies since 2012
 - Require strong proof of concept data
 - Broad landscape of opportunities
 - Not constrained by therapeutic area
 - Target returns in the teens
- 10 development-stage therapies currently in portfolio
- History of identifying therapies with unmet and underserved patient needs

Development-stage investments

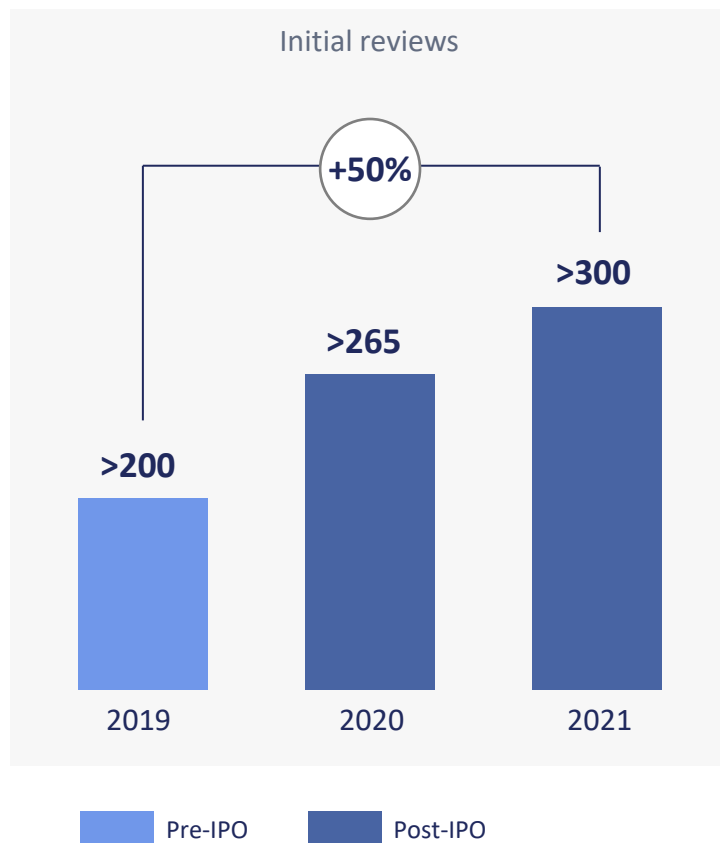


Royalty Pharma approval success rate⁽²⁾

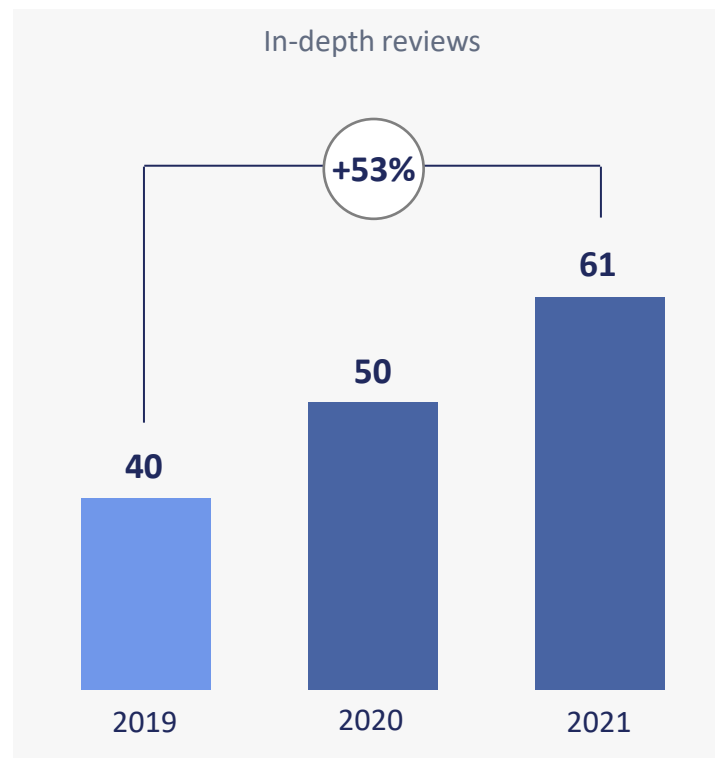


Positive market backdrop supports strong pipeline trends

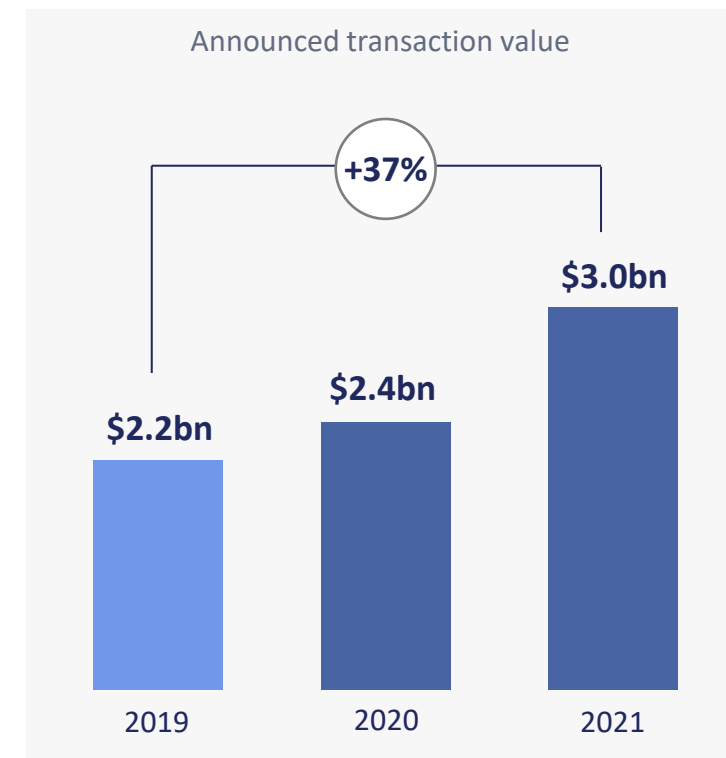
Strong growth in initial reviews



Opportunity set increasing



Robust royalty acquisition activity



Our framework focuses on key product success factors



Strong
scientific
rationale



Significant impact
on patients and/or
caregivers



Conviction in probability of
clinical and regulatory success
for pre-approval programs



Mission and
execution-oriented
management team



Strong marketer and
global commercial
opportunity



Clear
commercial
positioning



Potential for
multiple indications
or label expansion



First-in-class or
best-in-class



Long duration of
patent protection
or exclusivity



Compelling value
proposition for government
and commercial payors

TA agnostic investment approach follows best opportunities

Selected investment themes of interest looking forward

**Under-innovated
large markets**

e.g. migraine

**New modalities
for new diseases**

e.g. cell and gene
therapy, gene editing

**Brain
disease**

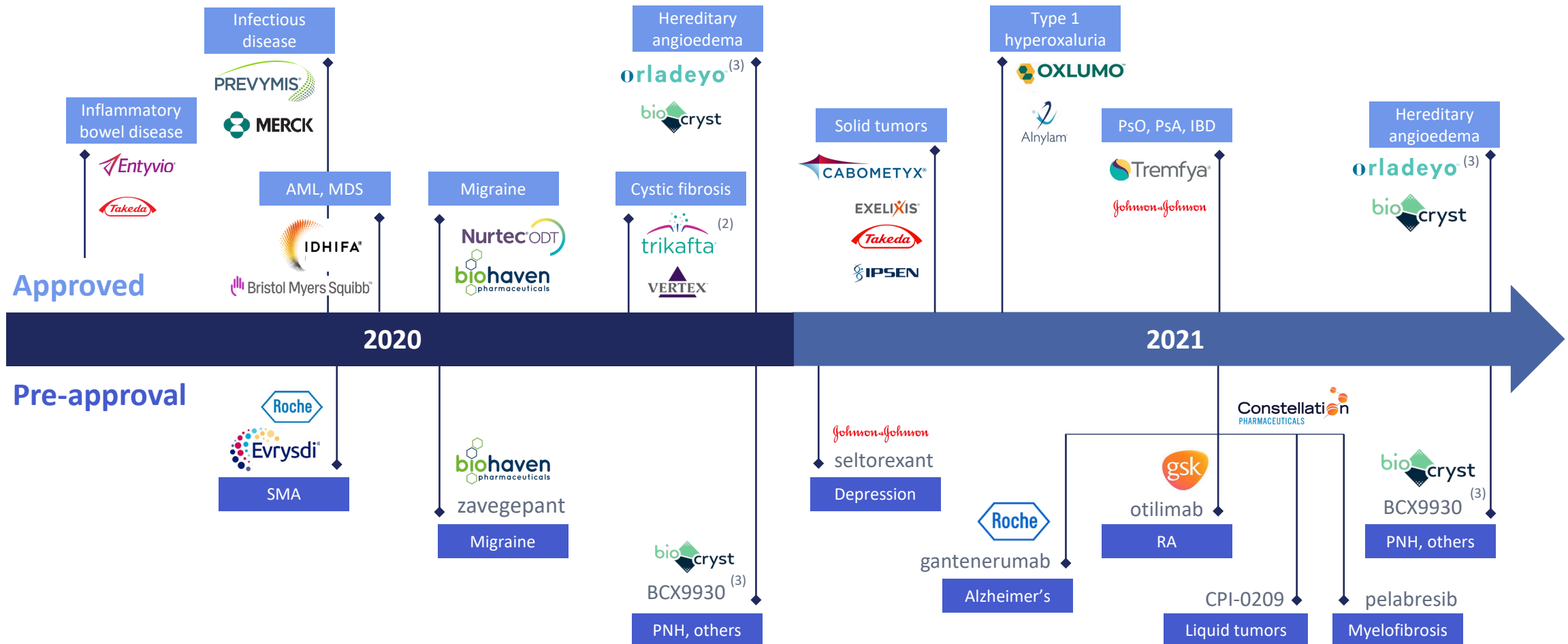
e.g. mood disorders,
neurodegeneration

**Targeted therapy
beyond oncology**

e.g. cardiology (HCM),
immunology

Adding unmatched portfolio breadth over the last two years

21 products – 25 diseases⁽¹⁾



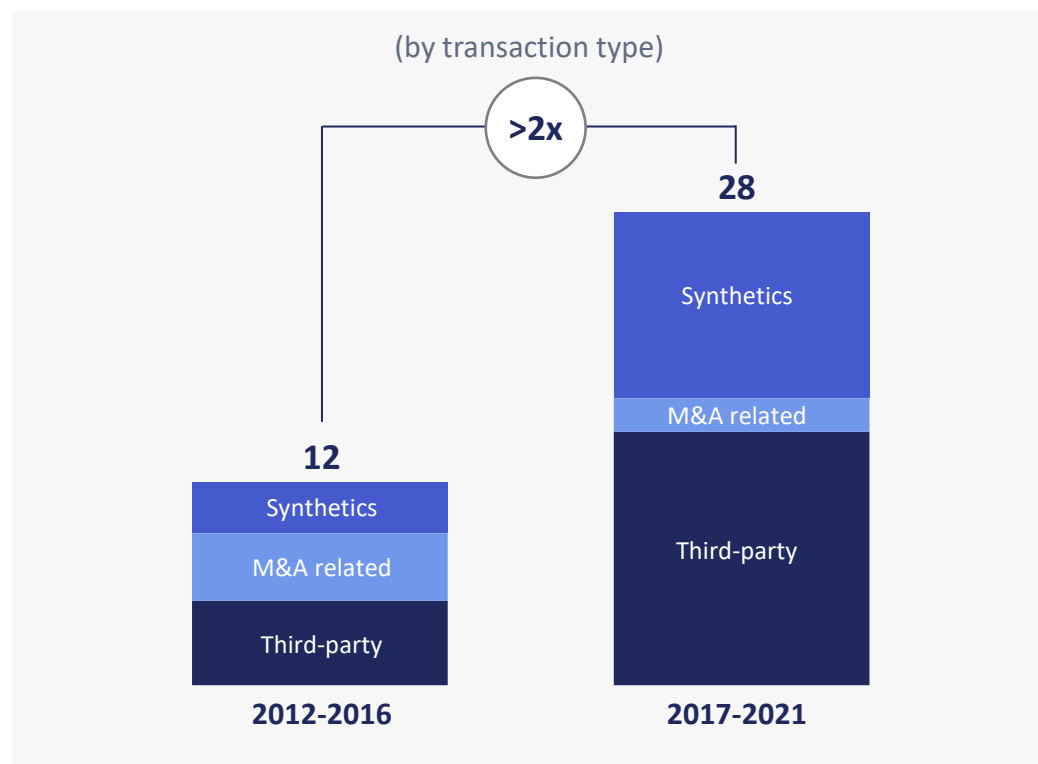
AML: acute myeloid leukemia; MDS: myelodysplastic syndromes; PsO: plaque psoriasis; PsA: psoriatic arthritis; IBD: inflammatory bowel disease; SMA: spinal muscular atrophy; PNH: paroxysmal nocturnal hemoglobinuria; RA: rheumatoid arthritis

1. Includes January 2022 aficamten royalty acquisition, which is not shown here. 2. Other products included in cystic fibrosis deal not shown include Symdeko, Orkambi and Kalydeco. 3.

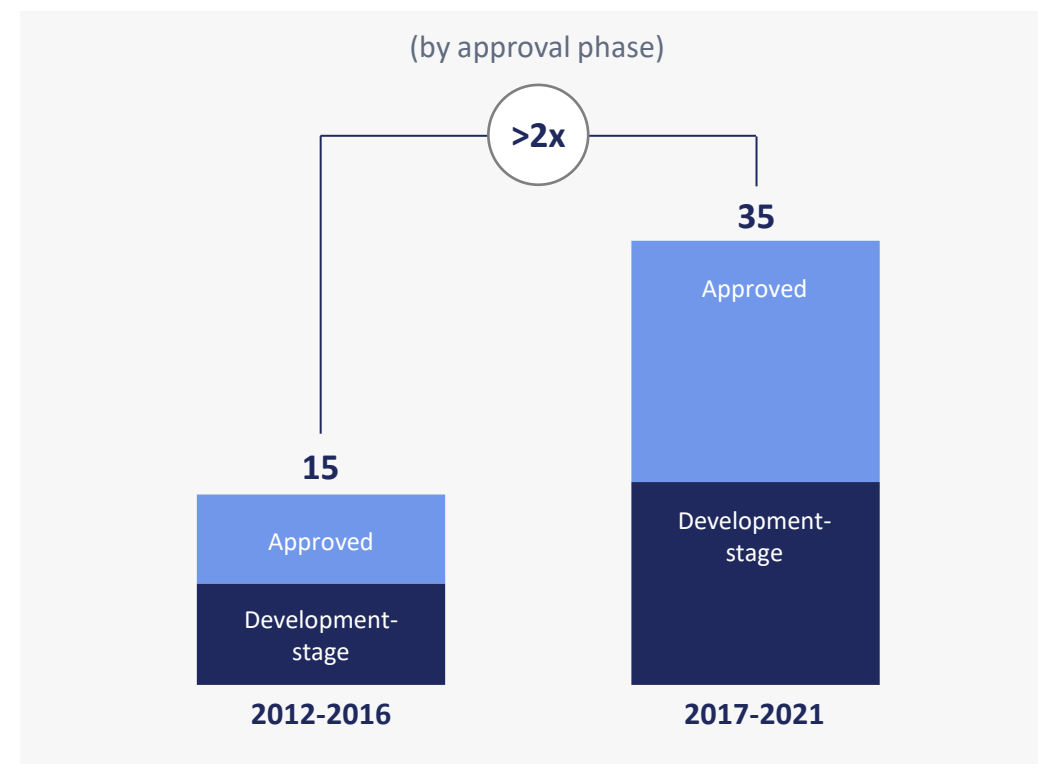
Purchase of incremental royalties on Orladeyo and BCX9930 in November 2021 is not included in product/disease total.

Benefits of Royalty Pharma platform and scale will grow

Number of transactions



Royalties acquired⁽¹⁾



Partnering with biotech to support their
growth journey

Brienne Kugler

Vice President,
Research & Investments

ROYALTY PHARMA



Royalty Pharma begins long-term partnership with Biohaven



Nurtec ODT an attractive opportunity

- Nurtec ODT, an oral CGRP inhibitor, developed by Biohaven for the treatment of migraine
- Clear efficacy data from two positive Phase 3 trials⁽¹⁾
 - Rapid onset of pain relief with one dose
 - Sustained benefit through 48 hours⁽²⁾
- Extensive diligence enabled Royalty Pharma comfort on long-term safety profile and market potential



Significant unmet need in migraine

- Migraines are characterized by disabling headaches and reduced functionality
 - Estimated to affect ~15% of the US population costing ~\$27bn annually⁽³⁾
- Major limitations to generic migraine therapies
 - Triptans: inadequate relief, many patients are contraindicated
 - NSAIDs: potential GI/CV side effects
 - Opioids: risk of abuse/misuse

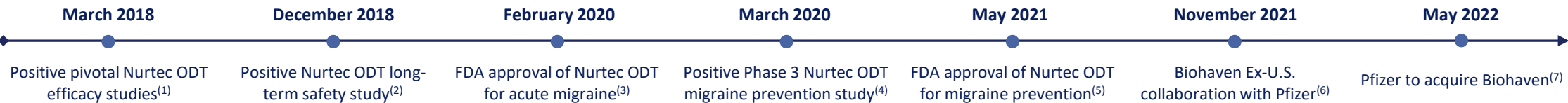
Partnership begins with \$150m investment in 2018 to acquire royalties on Nurtec, zavegepant and Biohaven equity

Biohaven partnership blossoms with additional transactions

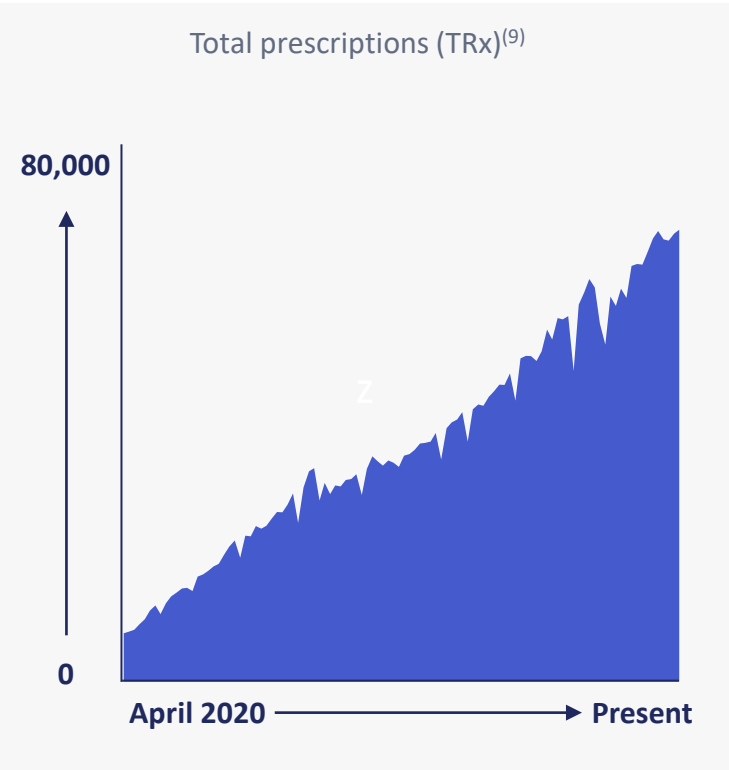
Date	June 2018 ⁽¹⁾	December 2018	March 2019 ⁽²⁾	August 2020 ⁽³⁾
Funding type	Royalty and common equity	Common equity	Preferred equity	Royalty and Launch capital
Purpose	Support Nurtec ODT Phase 3 development	Support Nurtec ODT development and FDA filing	Priority review voucher to accelerate Nurtec ODT launch	Pipeline funding and commercialization support
Details	<p>\$100m royalty (2.1% royalty on Nurtec ODT and zavegepant sales up to \$1.5bn and 1.5% for sales >\$1.5bn)</p> <p>\$50m equity investment (at \$45 per share)</p>	<p>\$37m equity investment (at \$37 per share)</p>	<p>\$125m preferred equity (upfront)</p> <p>Up to \$75m preferred equity (on Nurtec ODT FDA approval – optional, not drawn)</p>	<p>\$250m royalty R&D funding (0.4% royalty on Nurtec ODT, up to 3% zavegepant royalty, and potential zavegepant milestones)</p> <p>\$200m launch capital</p>
Total investment	\$150m	\$37m	Up to \$200m	Up to \$450m

Up to ~\$835m in total funding across multiple deals to accelerate Biohaven's innovative migraine therapies to patients

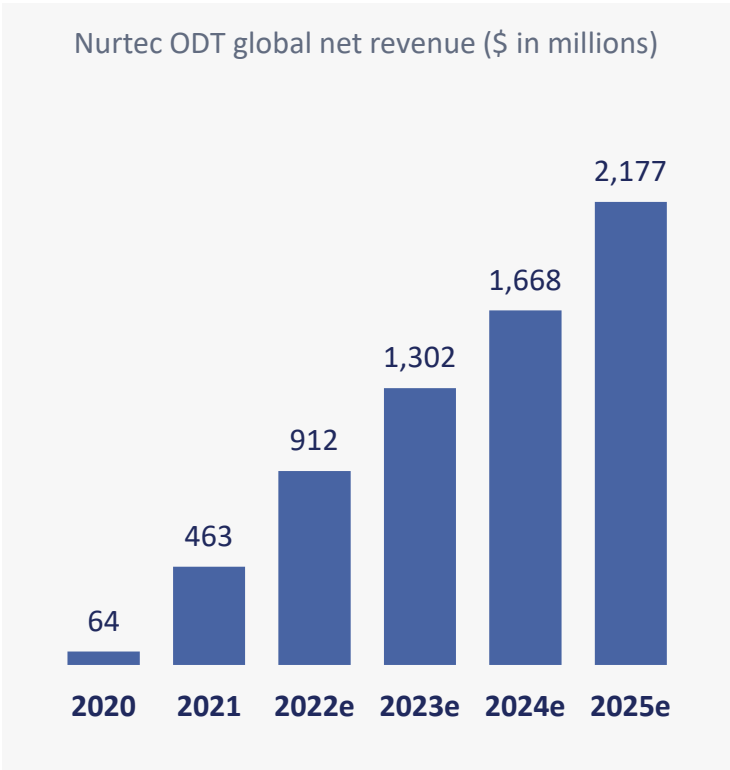
Nurtec ODT – one of the strongest recent launches in biopharma



Encouraging oral CGRP⁽⁸⁾ volumes



Successful Nurtec ODT launch in US⁽¹⁰⁾



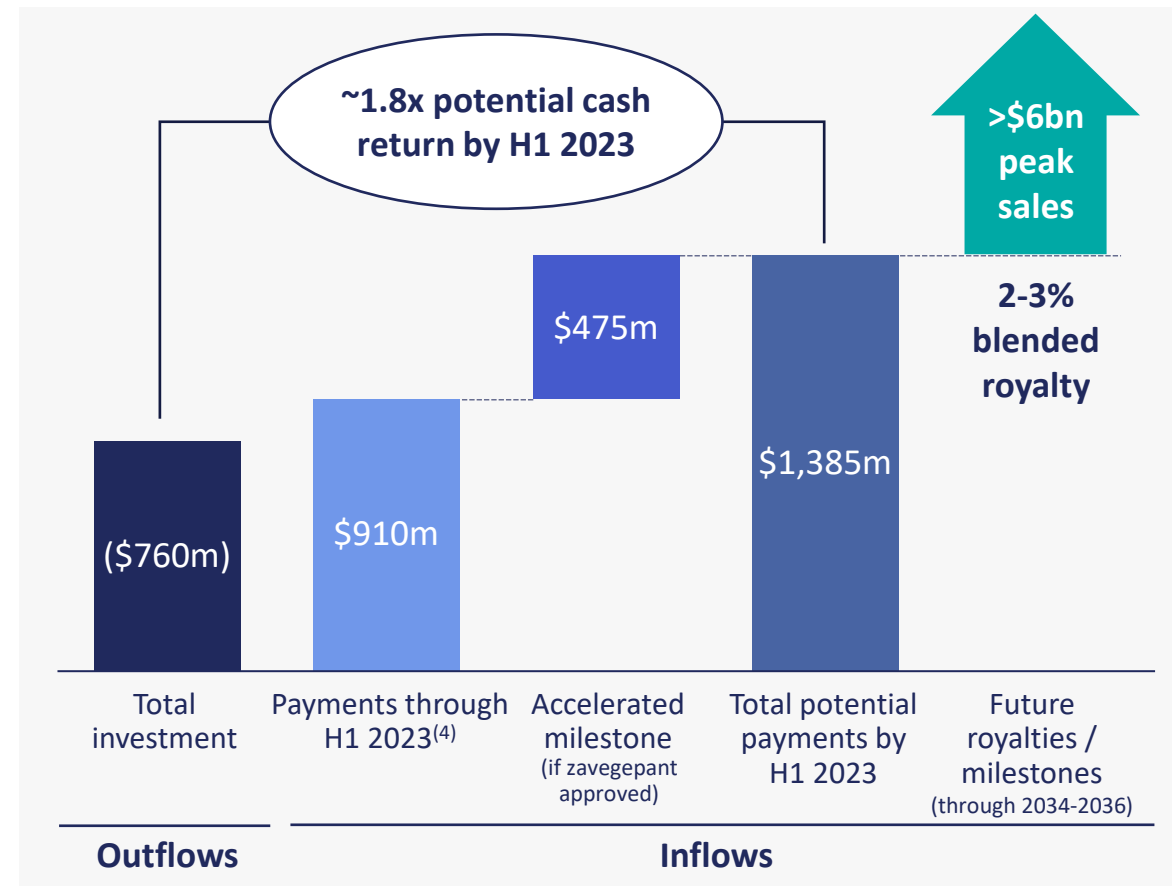
Pfizer expects significant peak sales⁽⁷⁾



Biohaven acquisition accelerates Royalty Pharma returns

- Pfizer, a strong global marketer, is positioned to maximize the potential of Nurtec ODT and zavegepant
 - Doubling number of sales representatives detailing Nurtec
- Acquisition⁽²⁾ expected to accelerate Royalty Pharma's returns on common and preferred equity
- No impact on Royalty Pharma's royalty terms, which will provide long-duration cash flows
- Entitled to milestones of up to 1.9 to 2.95x funded amount of \$250m related to zavegepant⁽³⁾
 - Pre-payment option may accelerate returns

Strong returns for Royalty Pharma shareholders⁽¹⁾

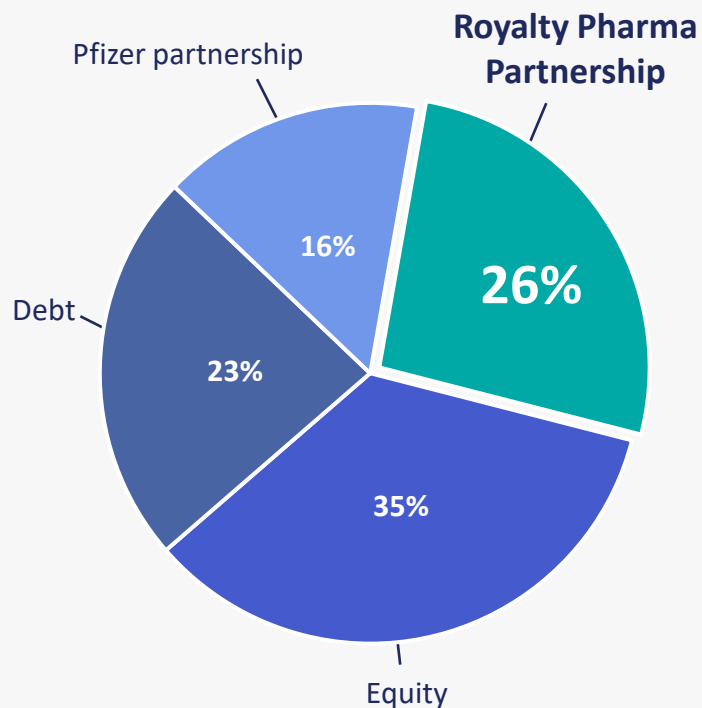


Potential ~1.8x cash return by H1 2023 with further upside from continuing royalties and additional milestones

Royalty Pharma capital critical to enabling biotech growth

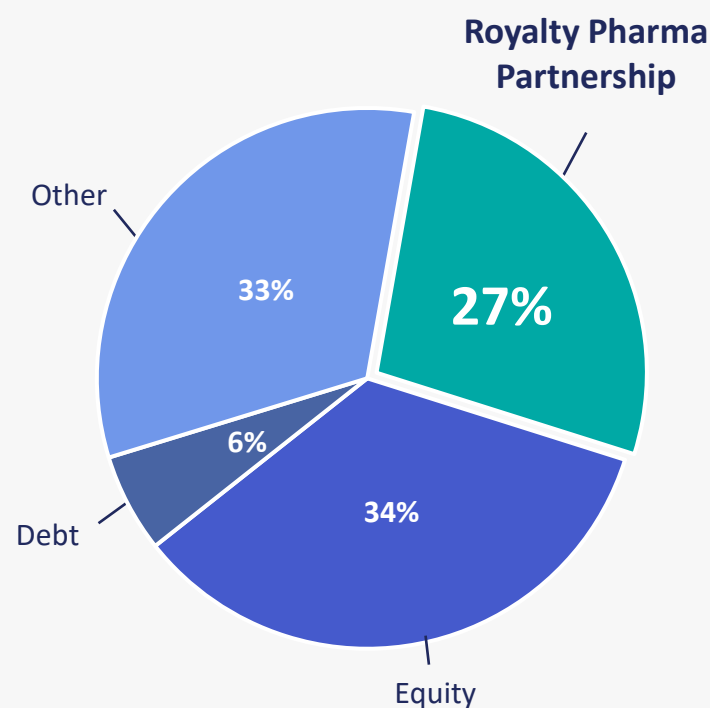
Biohaven raised ~\$3.2bn in capital⁽¹⁾

(May 2017 – YTD 2022)



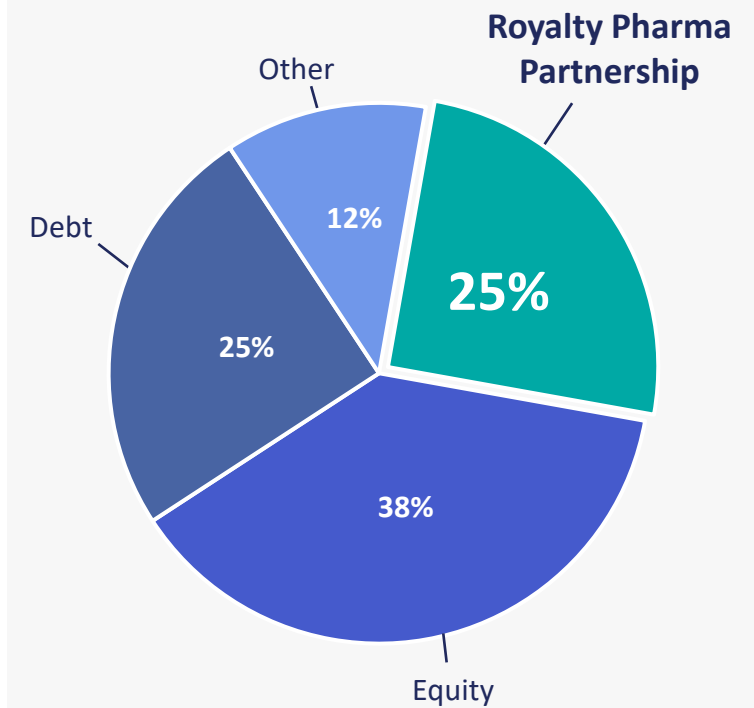
Cytokinetics raised ~\$2.0bn in capital⁽²⁾

(June 2013 – YTD 2022)



BioCryst raised ~\$1.3bn in capital⁽³⁾

(December 2012 – YTD 2022)



Royalty funding expected to be an increasingly important mix of total capital raised by biotech companies

Executing complex transactions with our full
suite of funding solutions

Sara Klymkowsky

Vice President,
Research & Investments

ROYALTY PHARMA



Transformational transaction enabled by Royalty Pharma

morphosys

- Antibody research capabilities
- Expertise in biologics
- Marketed product **MONJUVI**®



Constellation
PHARMACEUTICALS

- Epigenetics and small molecule discovery platforms
- 2 attractive heme candidates



Accelerates growth strategy with “Pipeline-in-a-product” candidates



Bolster position in hematology-oncology and entry into solid tumors



Complementary capabilities strengthen research & technology organization

Royalty Pharma provided up to ~\$2 billion to fund the acquisition of Constellation by MorphoSys in June 2021

Providing a complete funding solution to MorphoSys

Upfront cash payment

~\$1.4bn

paid to MorphoSys on close⁽¹⁾ of Constellation

Milestone payments

**Up to
\$150m**

of clinical, regulatory and commercial milestones

Launch & Development Capital

**Up to
\$350m**

with flexibility to draw over a one-year period with a minimum draw of \$150m

Equity purchase

\$100m

Purchased at transaction close⁽¹⁾

Up to ~\$2 billion in funding

Core strategic pillars brought to bear in MorphoSys transaction

1

Existing royalties



Acquire existing royalties on market-leading or late-stage development therapies with high commercial potential

2

Synthetic royalties / R&D funding

pelabresib
CPI-0209

Acquire newly-created royalties on approved or late-stage development therapies with strong proof of concept and high commercial potential

3

Launch & development capital⁽¹⁾

Development
funding bonds

Additional funding in exchange for long-term payment streams

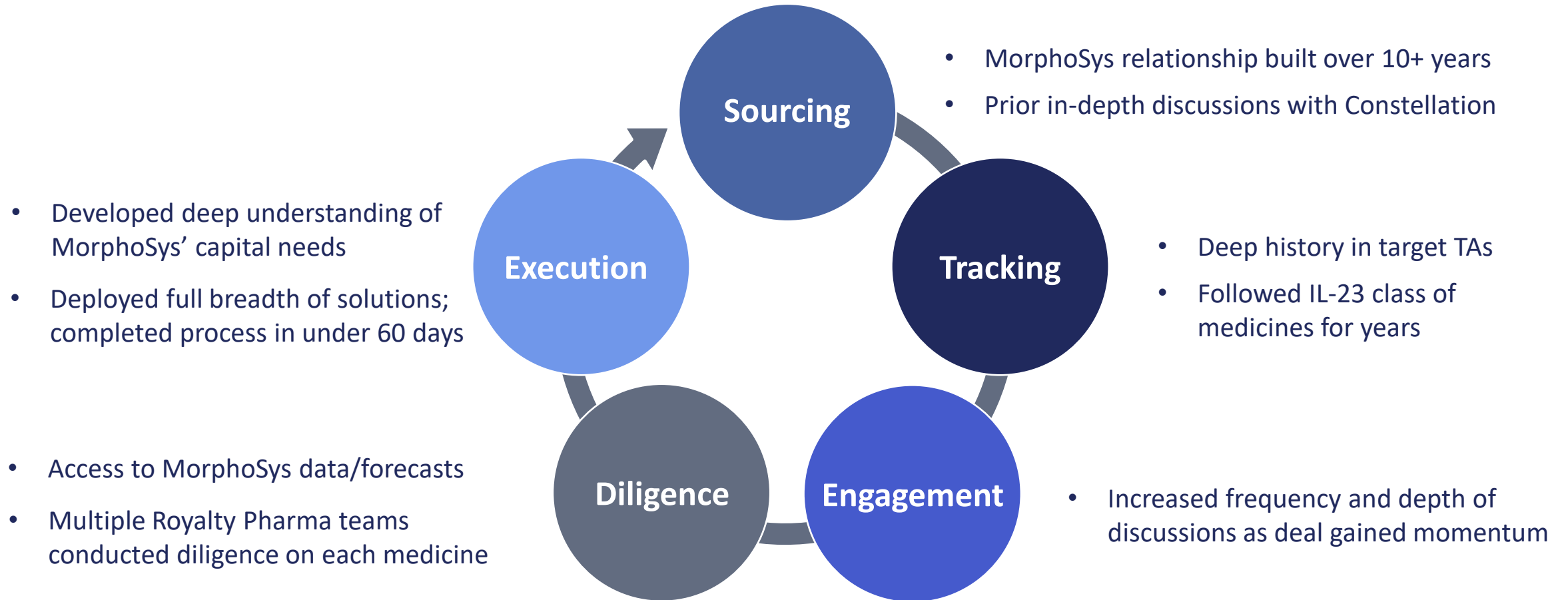
4

M&A related



Acquire royalties by facilitating M&A transactions

Comprehensive Royalty Pharma approach and process



Flexible approach and structuring creates attractive risk/return

Acquired 6 cash flow streams with a diversified risk profile anchored by Tremfya royalty and Development funding bonds



Key messages

1

Top-tier talent

Attract and develop the best and brightest is key to our long-term success

2

Differentiated process

Exhaustive diligence process institutionalized over **25+** years

Add value to our process and partners through Strategy & Analytics, our data platform

3

Scalable platform

Built to leverage our unique position and capabilities in life sciences

21 products in **~25** diseases added since beginning of 2020

A leading compounding growth company

Terrance Coyne

Executive Vice President and Chief Financial Officer

ROYALTY PHARMA



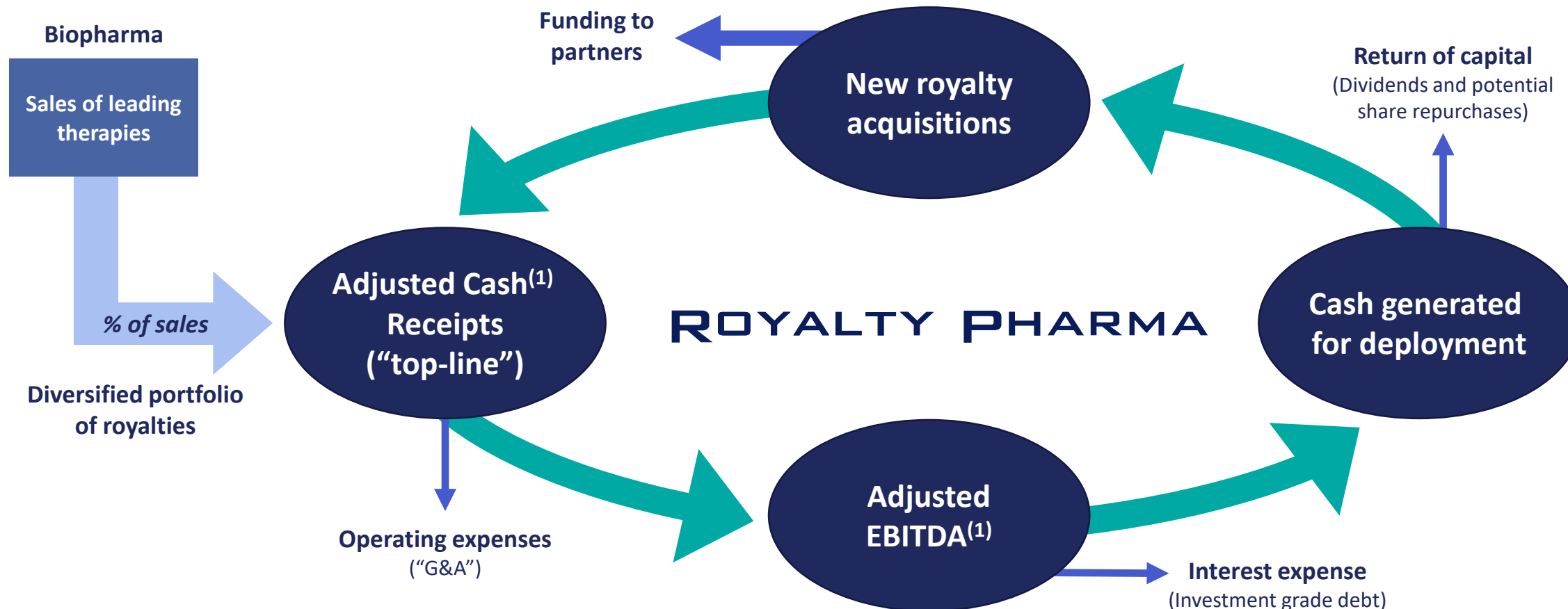
Key messages

1	2	3	4
Strong business momentum	Diversified portfolio growth	Efficient compounding engine	Sustainable long-term growth
Increasing outlook for growth and deployment	~ 35 commercial therapies including 12 blockbusters and 9 newly launched therapies with significant growth ahead	Highly efficient business model generating significant cash flow for future royalty acquisitions	Expect to achieve ACR ⁽¹⁾ CAGR of 10% or more over this decade
11-14% ACR ⁽¹⁾ CAGR expected from 2020 to 2025			
~ \$10-12bn royalty acquisition opportunity over next 5-years	10 exciting development-stage therapies	Consistent low teens % historical unlevered returns	

ACR: Adjusted Cash Receipts; CAGR: Compound annual growth rate

1. See slide 114 for definitions and factors that may impact the achievement of our growth outlook. Growth outlook includes future royalty acquisitions and excludes development-stage therapy gantenerumab for Alzheimer's disease. Refer to the Appendix for a GAAP to non-GAAP reconciliation.

Simple and efficient business model focused on cash flow

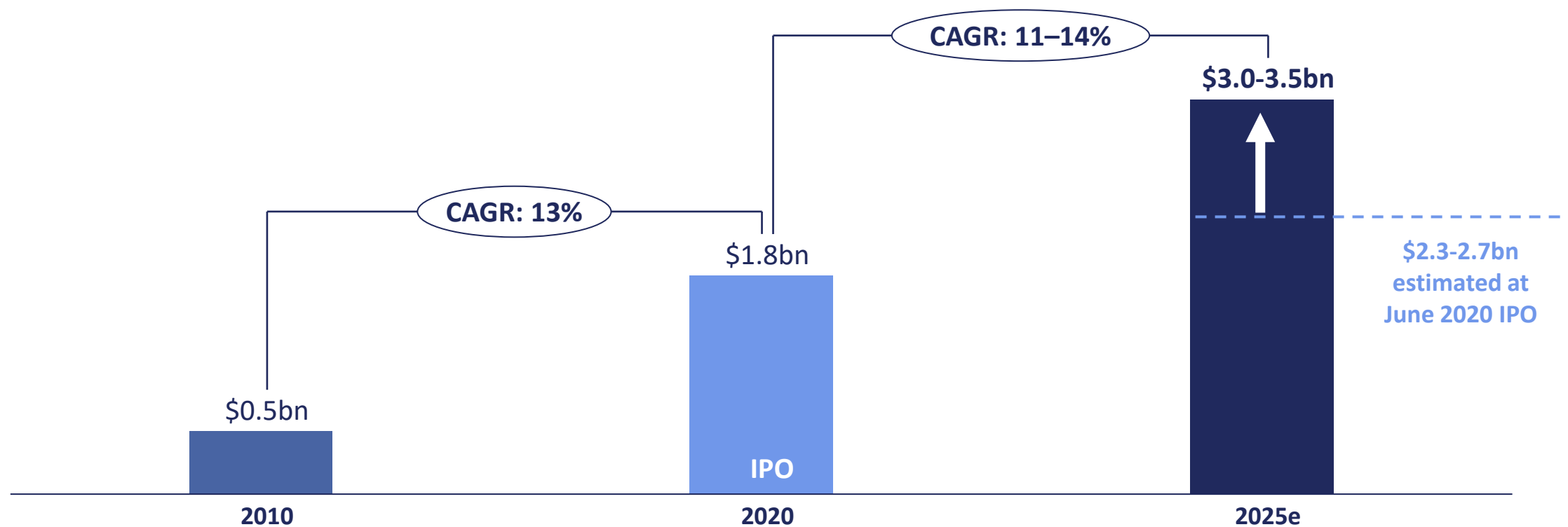


Large diversified royalty portfolio generates significant cash to redeploy in new royalties

Proven track record and increased growth outlook

Adjusted Cash Receipts⁽¹⁾⁽²⁾ (“top-line”)

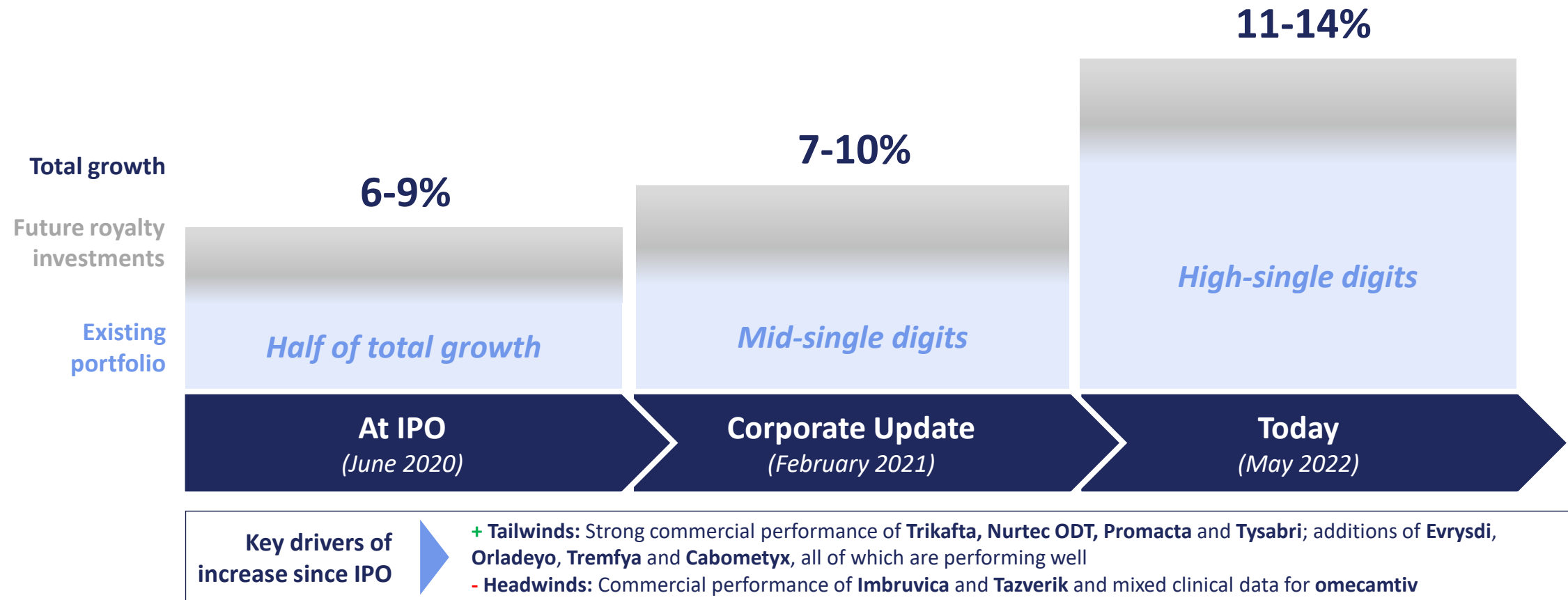
2010–2025e



Powerful business model driving double-digit top-line growth

Growth outlook has accelerated with strong business momentum

Adjusted Cash Receipts⁽¹⁾ (“top-line”) 2020-2025e CAGR outlook

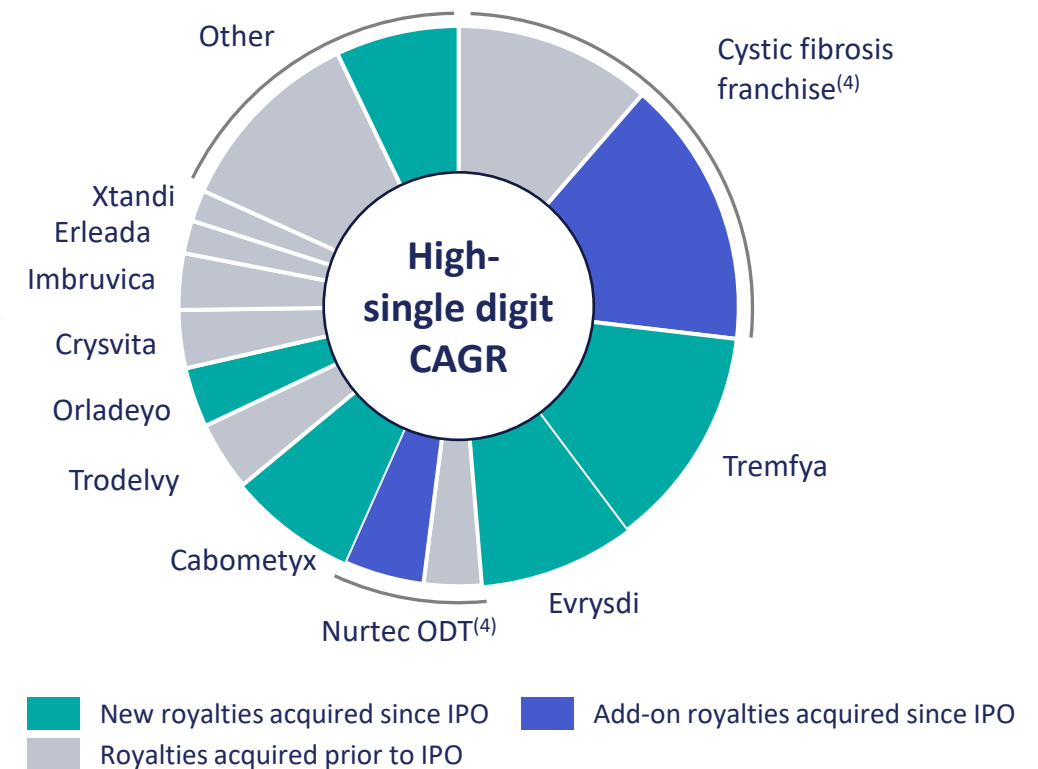
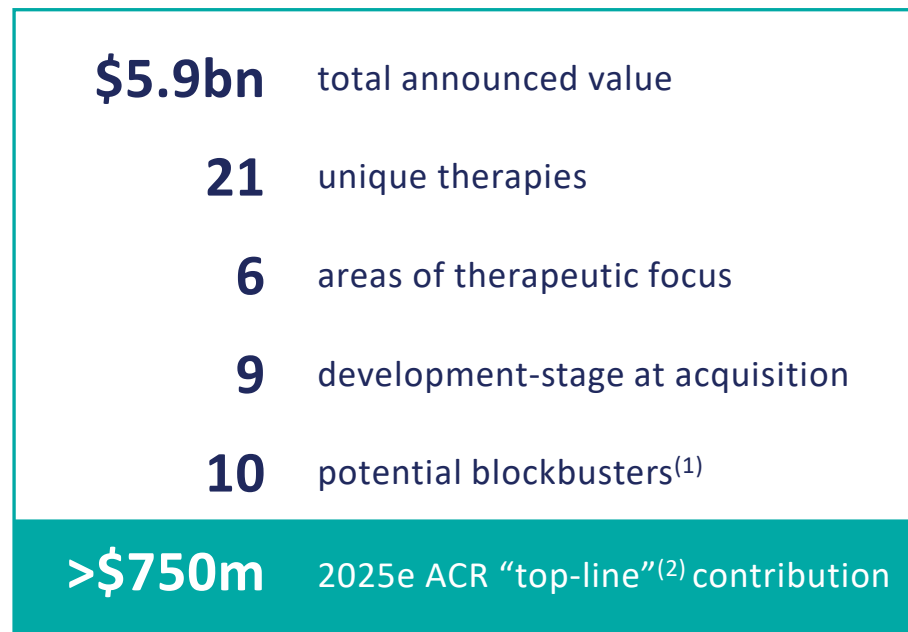


Increasing long-term growth outlook by ~50% at midpoint versus previous range

New royalties have diversified and enhanced portfolio growth

Robust transaction activity since the beginning of 2020

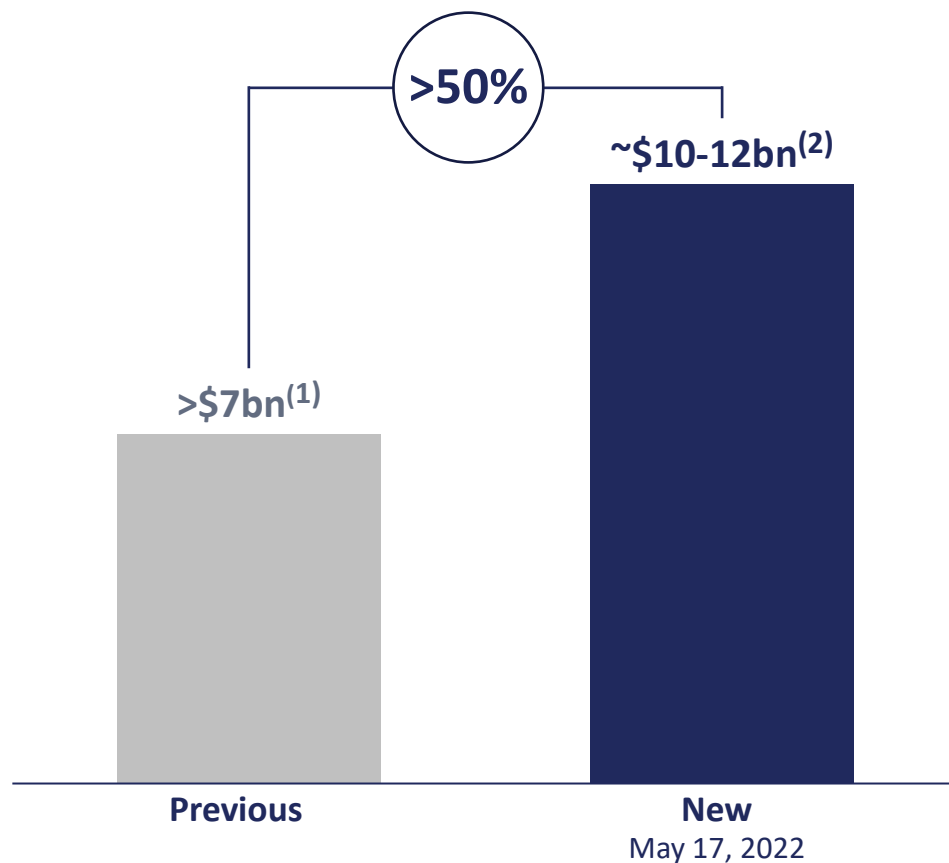
Contribution to 2020–2025e CAGR by product today⁽³⁾



Capital deployment activity has far exceeded initial expectations in quality, scale and diversity of royalties acquired

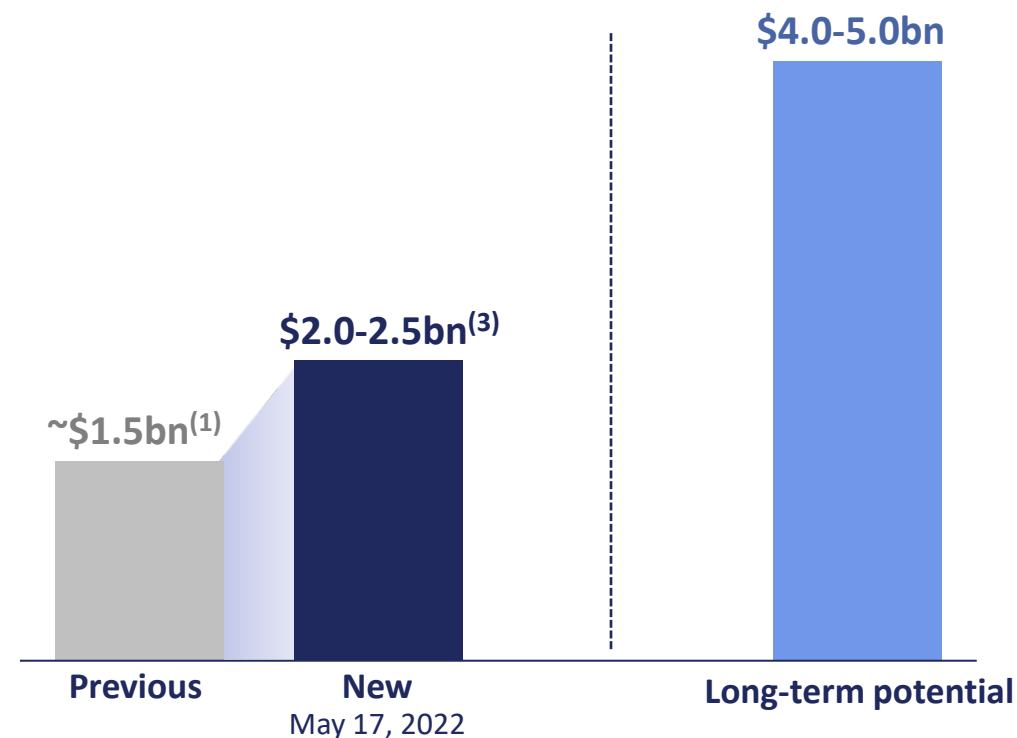
Expanding opportunity set driving accelerated capital deployment

5-year forward capital deployment target



Implied average annual cash deployed

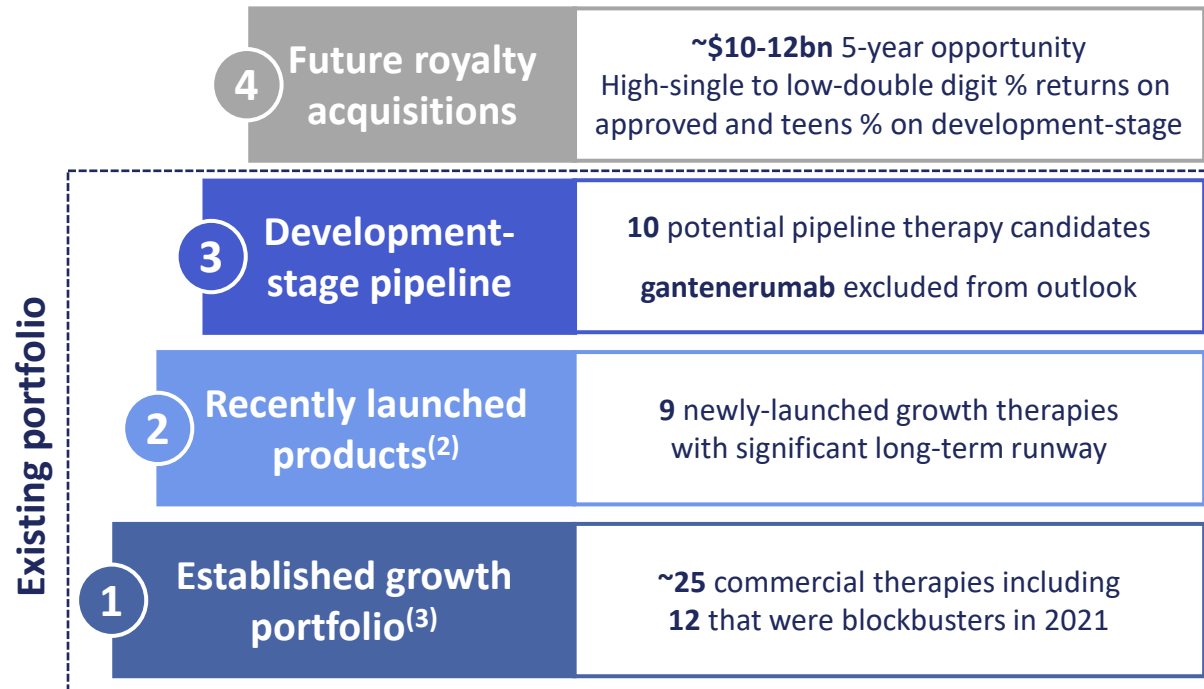
(year-to-year variability expected)



Increasing 5-year forward capital deployment target to \$10-12bn

Growth diversified across multiple components of the portfolio

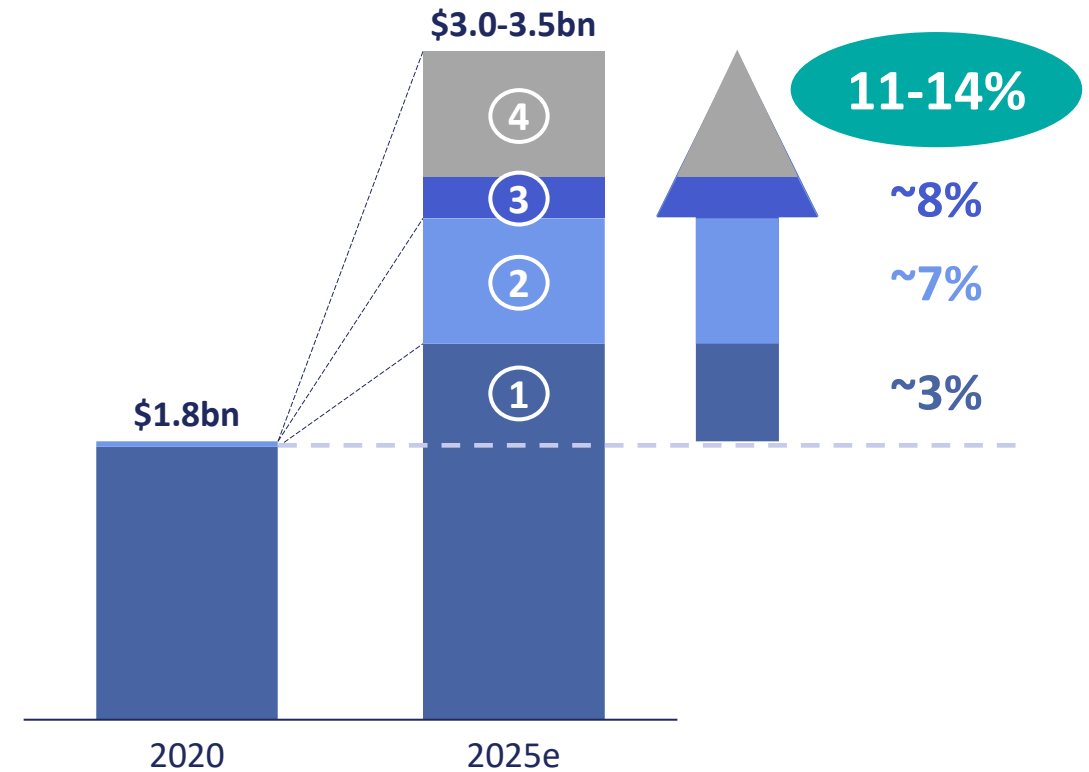
Portfolio components



Adjusted Cash Receipts⁽¹⁾ ("top-line")

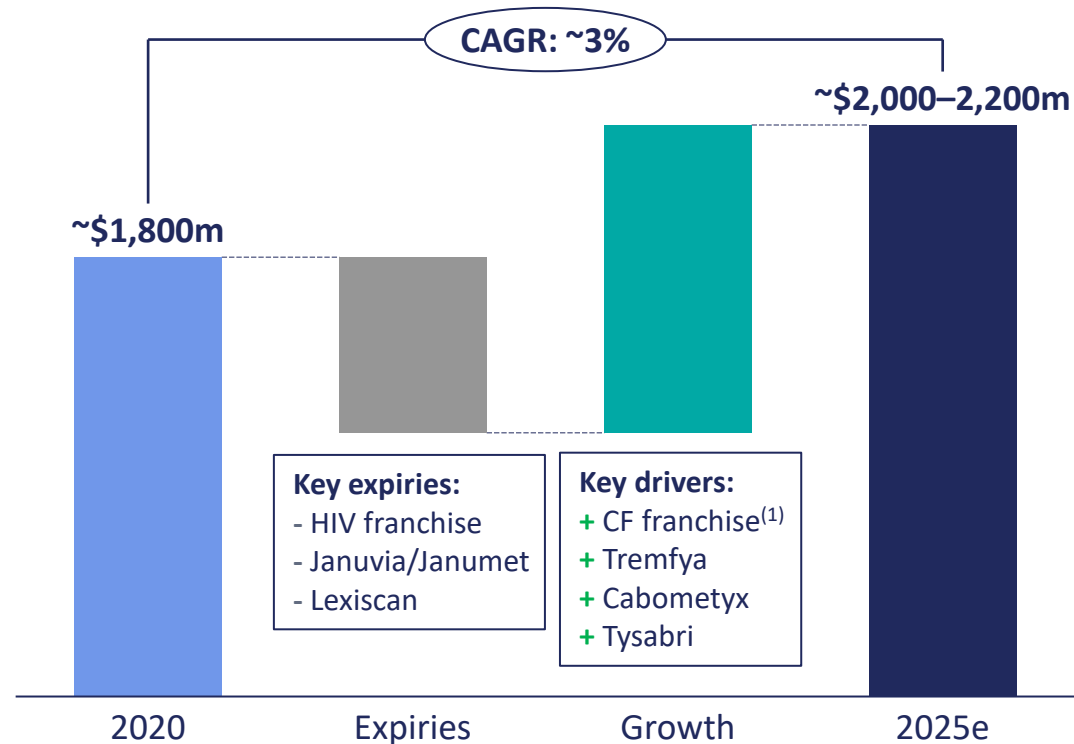
Cumulative CAGR

(excl. gantenerumab)⁽¹⁾:



Established growth portfolio provides a strong foundation

Adjusted Cash Receipts⁽¹⁾ (“top-line”)



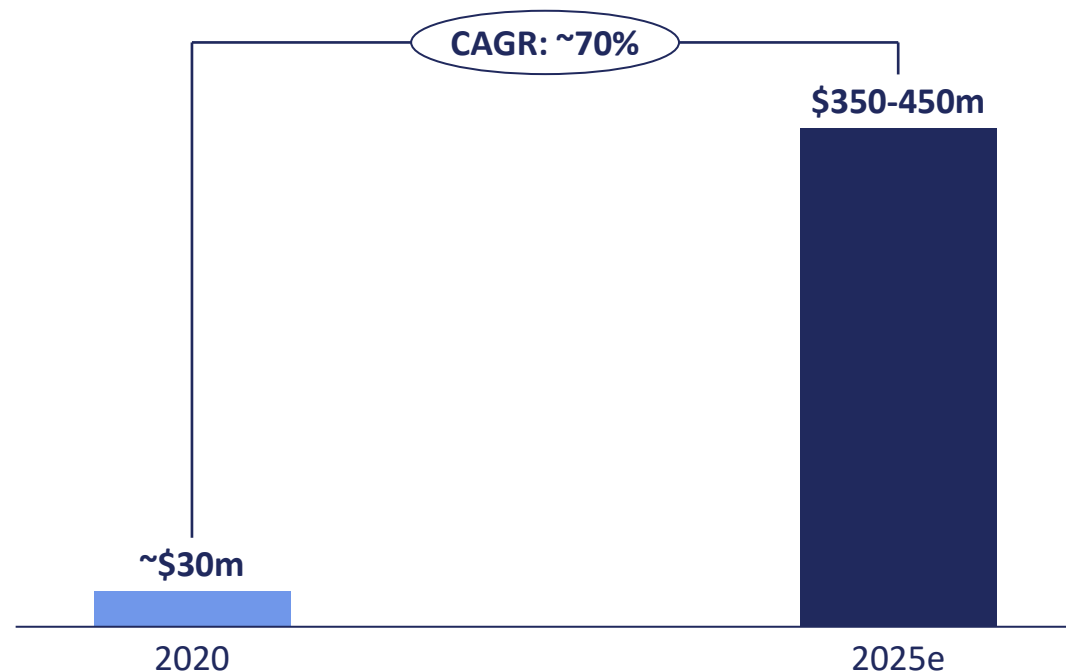
Key therapies

Therapy	Marketer(s)	2021 market position ⁽³⁾	2025e sales ⁽⁴⁾
Cystic fibrosis franchise⁽²⁾	Vertex	#1 for cystic fibrosis	~\$10bn
imbruvica[®]	AbbVie J&J	#1 for chronic lymphocytic leukemia	~\$7bn
Xtandi[®]	Astellas Pfizer	#1 for prostate cancer	~\$5bn
Tremfya[®]	J&J	#5 for psoriasis	~\$5bn
CABOMETYX[®]	Exelixis Ipsen Takeda	#1 tyrosine kinase inhibitor for renal cell carcinoma	~\$3bn
TYSABRI[®]	Biogen	#2 high efficacy therapy for multiple sclerosis	~\$2bn

1. See slide 114 for definitions and factors that may impact the achievement of our growth outlook.
 2. Cystic fibrosis franchise includes Trikafta, Symdeko, Orkambi, and Kalydeco.
 3. Based on 2021 actual sales.
 4. Based on Visible Alpha consensus as of May 9, 2022.

Recently launched products amplify and diversify growth

Adjusted Cash Receipts⁽¹⁾ (“top-line”)



Key growth drivers

Therapy	Marketer(s)	2025e market position ⁽²⁾	2025e sales ⁽²⁾
Erleada [®]	J&J	#2 for prostate cancer	~\$3bn
Evrysdi [®]	Roche	#1 for SMA	~\$2bn
Nurtec [®] ODT	Biohaven /Pfizer	#1 for migraine	~\$2bn
TRODELVY [™]	Gilead	#1 for 2nd line+ triple negative breast cancer	~\$2bn
Emgality [®]	Lilly	#5 for migraine	~\$1bn
CRYSVITA [®]	Kyowa Kirin Ultragenyx	#1 for X-linked hypophosphatemia	~\$1bn ⁽³⁾
orladeyo [™]	BioCryst	#1 oral therapy for HAE	<\$1bn
OXLUMO [™]	Alnylam	#1 for primary hyperoxaluria type 1	<\$1bn

SMA: Spinal muscular atrophy; HAE: Hereditary angioedema

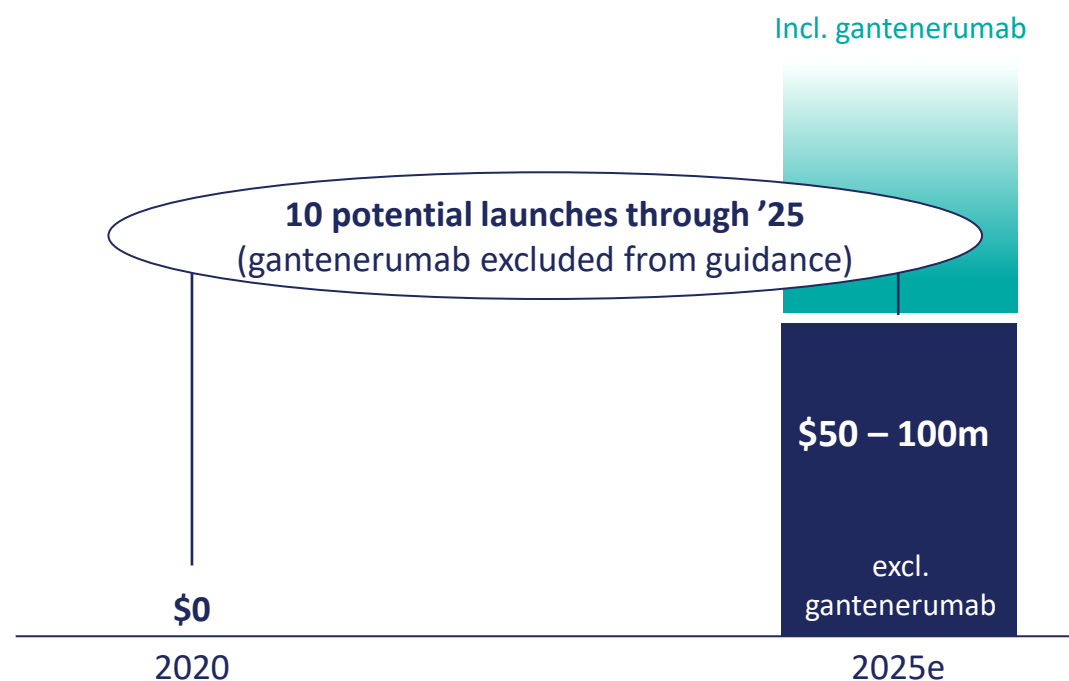
1. See slide 114 for definitions and factors that may impact the achievement of our growth outlook.

2. Market positions based on Evaluate Pharma sales data as of May 9, 2022. Consensus sales estimates from Visible Alpha as of May 9, 2022.

3. Represents worldwide sales. Royalty Pharma only receives royalties on sales from Europe, the Middle East, and Africa.

Development-stage pipeline includes many potential launches...

Adjusted Cash Receipts⁽¹⁾ (“top-line”)



Development-stage therapy candidates

Therapy	Marketer(s)	Indication(s)	Potential launch ⁽²⁾
Omecamtiv	Cytokinetics	Heart failure	2022
Zavegepant	Biohaven/Pfizer	Migraine	2023
PT027	AstraZeneca	Asthma	2023
Otilimab	GlaxoSmithKline	Rheumatoid arthritis	2023
Seltorexant	J&J	MDD w/ insomnia symptoms	2023
Aficamten	Cytokinetics	oHCM	2024
BCX9930	BioCryst	PNH	2025
Pelabresib	MorphoSys	Myelofibrosis	2025
CPI-0209	MorphoSys	Blood cancer and solid tumors	2025+
Gantenerumab (incl. brain shuttle)	Roche	Alzheimer's disease	2023 / 2024

MDD: Major depressive disorder; oHCM: Obstructive hypertrophic cardiomyopathy; PNH: Paroxysmal nocturnal hemoglobinuria.

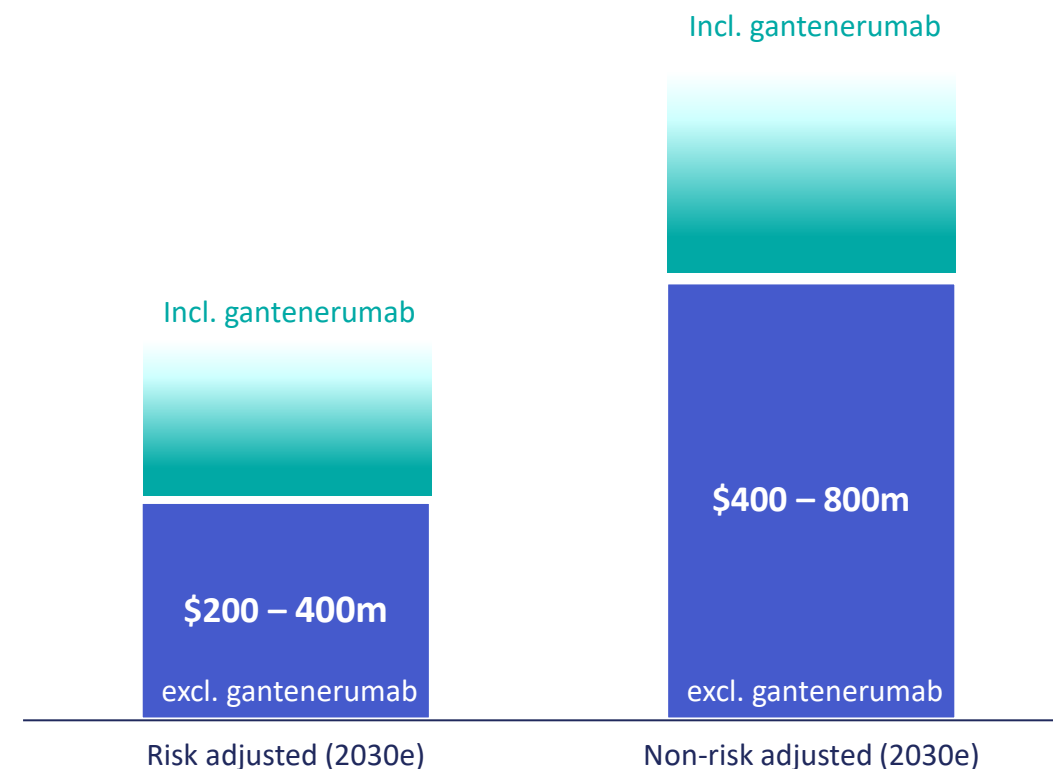
1. See slide 114 for definitions and factors that may impact the achievement of our growth outlook.

2. All products are in Phase 3 development except: PT027 (ready to file), zavegepant (ready to file) and omecamtiv (filed); based on company disclosures and consensus sales estimates from Visible Alpha as of May 9, 2022.

...expected to power growth through 2030 and beyond

Illustrative 2030e Adjusted Cash Receipts⁽¹⁾ (“top-line”)

Therapy	2030e sales (\$ in billions) ⁽²⁾		Potential '30 blockbuster	Royalty rate (%)
	Risk adj.	Non-risk adj.		
Omecamtiv	\$0.5	\$1.8	✓	Mid-single digits
Zavegepant	\$1.1	\$1.5	✓	Low-single digits
PT027	\$1.0	\$1.8	✓	Low-single digits
Otilimab	\$0.5	\$1.2	✓	Double digits ⁽³⁾
Seltorexant	\$0.4	\$0.5	-	Mid-single digits
Aficamtan	\$1.9	\$4.2	✓	Mid-single digits
BCX9930	\$0.3	\$0.6	-	Mid-single digits
Pelabresib	\$0.4	\$0.6	-	3%
CPI-0209	\$0.0	\$0.2	-	3%
Total	~\$6.0	~\$12.0		~Mid-single digits
Gantenerumab (incl. brain shuttle)	\$3.6	\$8.1	✓	3.3 – 4.2% ⁽³⁾



Highly efficient business model generates significant cash flow

Overview of 2021 non-GAAP metrics⁽¹⁾

\$ in millions (except per share amount)	FY 2021	YoY growth (%)	% ACR ⁽¹⁾	Commentary
Royalty receipts	2,609			
Distributions to non-controlling interests	-480			Payments to legacy investors related to pre-IPO investments; declining % over time ⁽²⁾
Adjusted Cash Receipts (non-GAAP)	2,129	18%		“top-line”
Payments for operating and professional costs	-185		9%	“G&A” expected to remain relatively constant as % of ACR ⁽¹⁾
Adjusted EBITDA (non-GAAP)	1,944	20%	91%	<div>Adjusted EBITDA less interest paid = ~\$1.8bn to deploy</div>
Interest paid and other expenses	-171			
Development-stage funding payments – ongoing	-7			
Development-stage funding payments – upfront & milestones	-193			Reflects payments classified as R&D to align with new industry non-GAAP modification
Adjusted Cash Flow (non-GAAP)	1,573	7%	74%	“bottom-line”
	\$2.59 / share⁽³⁾			

1. See slide 114 for definitions. Refer to the Appendix for a GAAP to non-GAAP reconciliation.

2. There is no non-controlling interest related to post-IPO investments

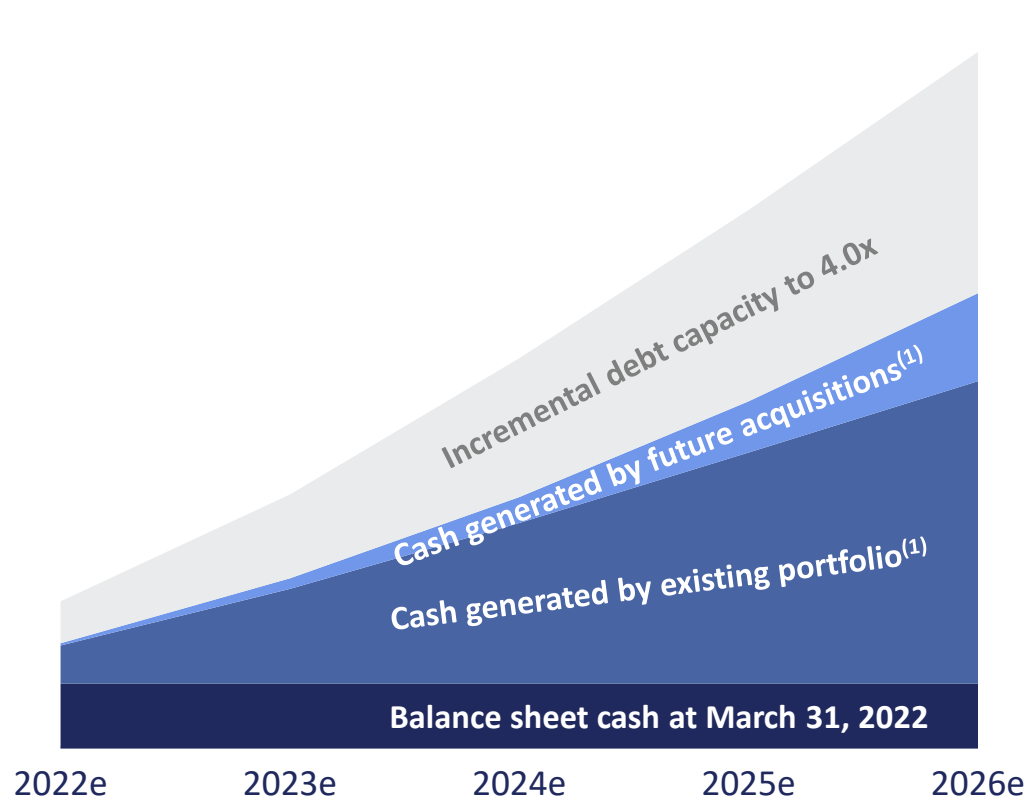
3. Based on fully diluted shares outstanding of 607 million as of December 31, 2021.

We expect to deliver leading top-line growth through 2025

	FY 2025e	Commentary
Adjusted Cash Receipts (non-GAAP) ⁽¹⁾ including future royalty acquisitions	\$3.0 to \$3.5 billion	<ul style="list-style-type: none"> • “Top-line” • 11-14% CAGR from 2020 to 2025e
Payments for operating & professional costs	~(\$0.3) billion	<ul style="list-style-type: none"> • “G&A” • Estimated to be between 8-10% of ACR
Adjusted EBITDA (non-GAAP) ⁽¹⁾	\$2.7 to \$3.2 billion	<ul style="list-style-type: none"> • Estimated to be between 90-92% of ACR
Interest paid	~(\$0.2) to ~(\$0.3) billion	<ul style="list-style-type: none"> • Modest potential increase from current levels

Significant firepower to drive growth and create value

Capacity for capital deployment over 5 years



Cumulative 5-Year capacity:

>\$20bn

>\$15bn

>\$13bn

>\$2bn

Capital allocation priorities

Royalty acquisitions (primary focus)

- Majority self-funded over time via retained cash flow
- Incremental debt at conservative leverage levels
- Strong commitment to investment grade ratings

Return of capital

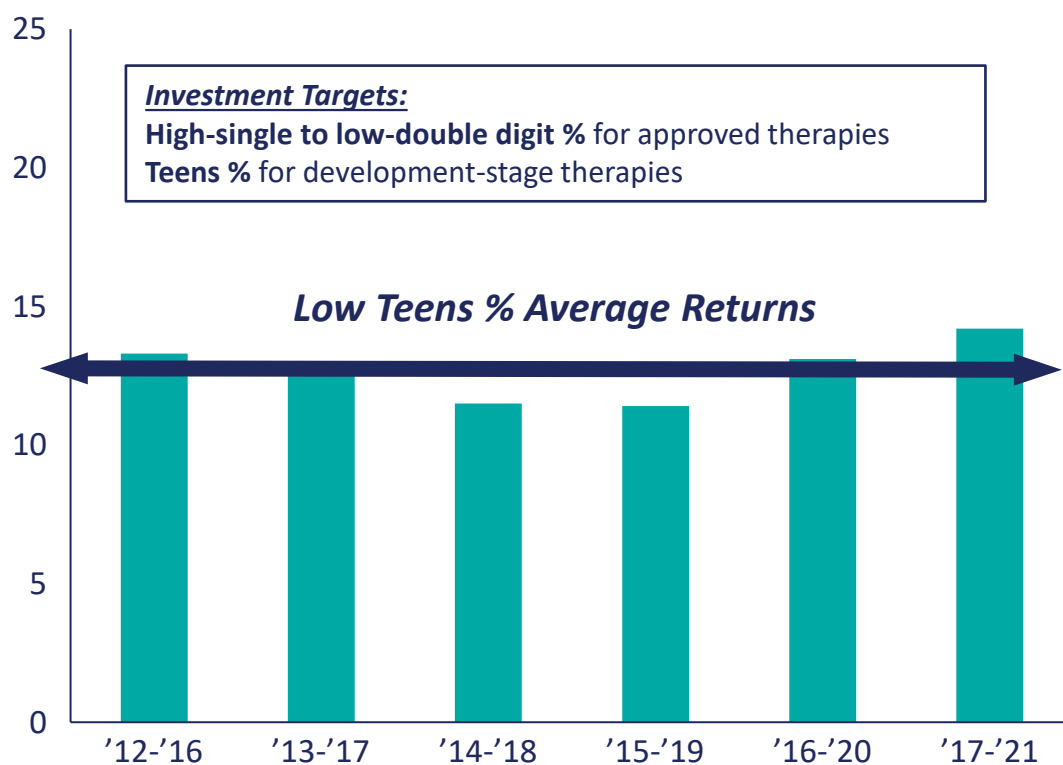
- Current quarterly dividend of \$0.19 per share
- Share repurchases are an additional tool over time⁽²⁾

Primary focus of our business is creating value by acquiring royalties on innovative products

Consistent attractive returns amplified with conservative leverage

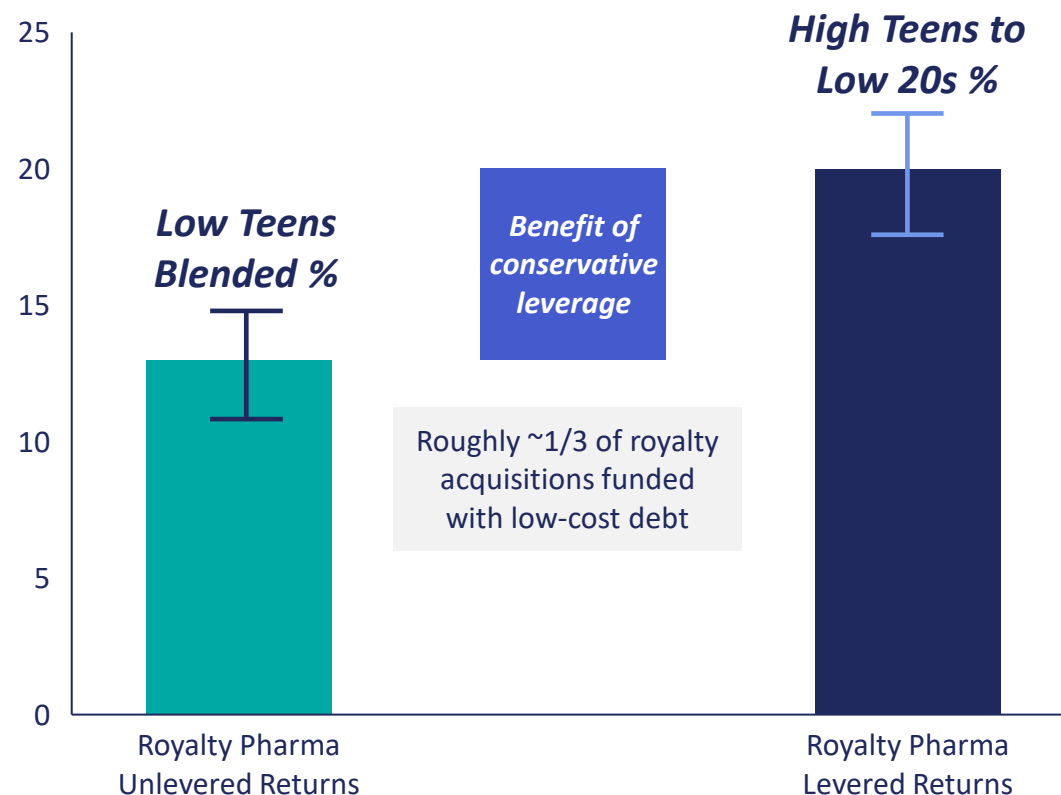
Estimated unlevered returns

Rolling 5-year investment periods (%)⁽¹⁾



Leverage benefit to return profile

Based on investment periods since 2012 (%)⁽¹⁾



Proven track record of consistent returns, amplified with conservative leverage, creating value in excess of cost of capital

We are well positioned for the emerging macro environment

1

Inflation and recessionary risks

- Significant magnitude, duration and diversity of non-cyclical growth
- Strong historical financial performance in prior periods of dislocation
- Benefit of efficient cost base without significant fixed expenses

3

Biotech market pressure

- Expands universe of potential counterparties and royalty opportunities
- Increases attractiveness of royalties versus financing alternatives
- Potential consolidation could result in new M&A royalty opportunities

2

Impact of higher rates on cost of funding

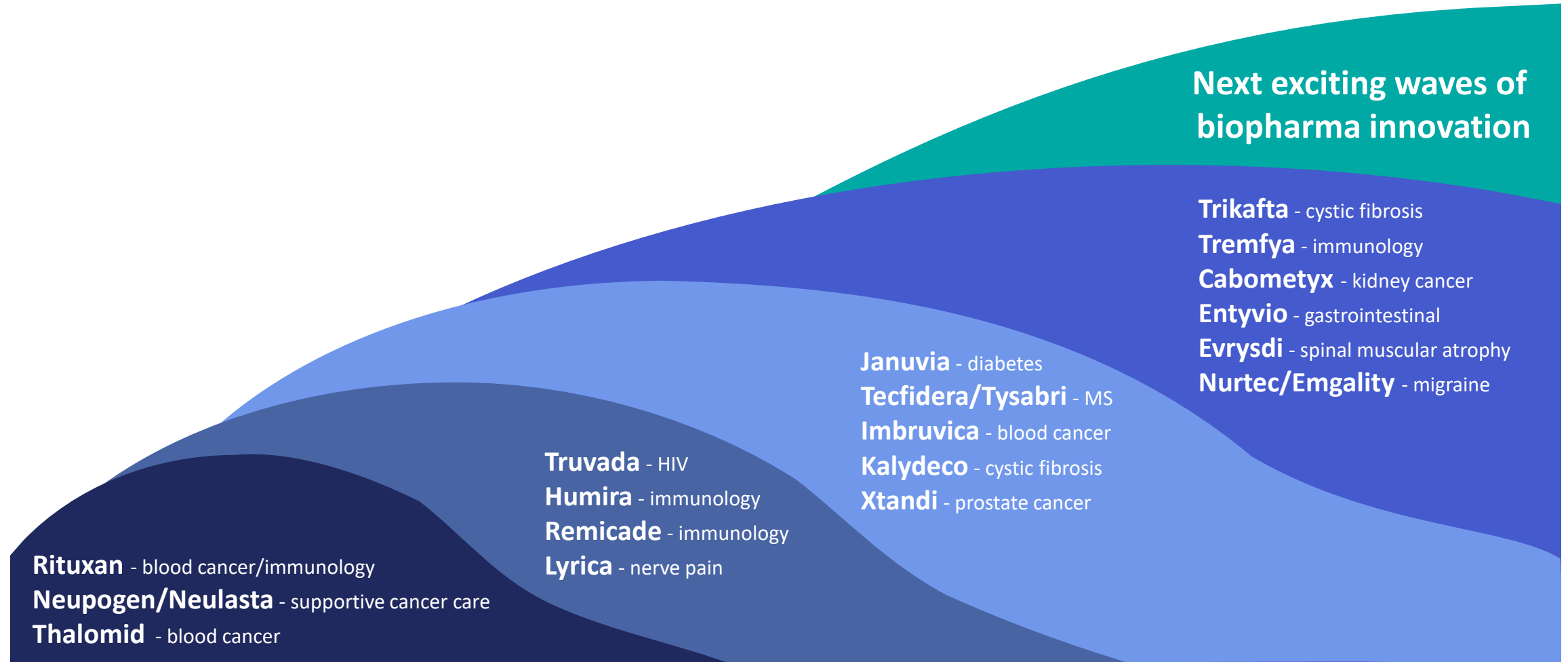
- 2.24% fixed-rate WAC; <1% increase expected through 2025
- Limited near-term refinancing needs with ~60% of debt due 2030+
- Commit to investment grade ratings enables depth of access & low cost

4

Ability to maintain attractive returns

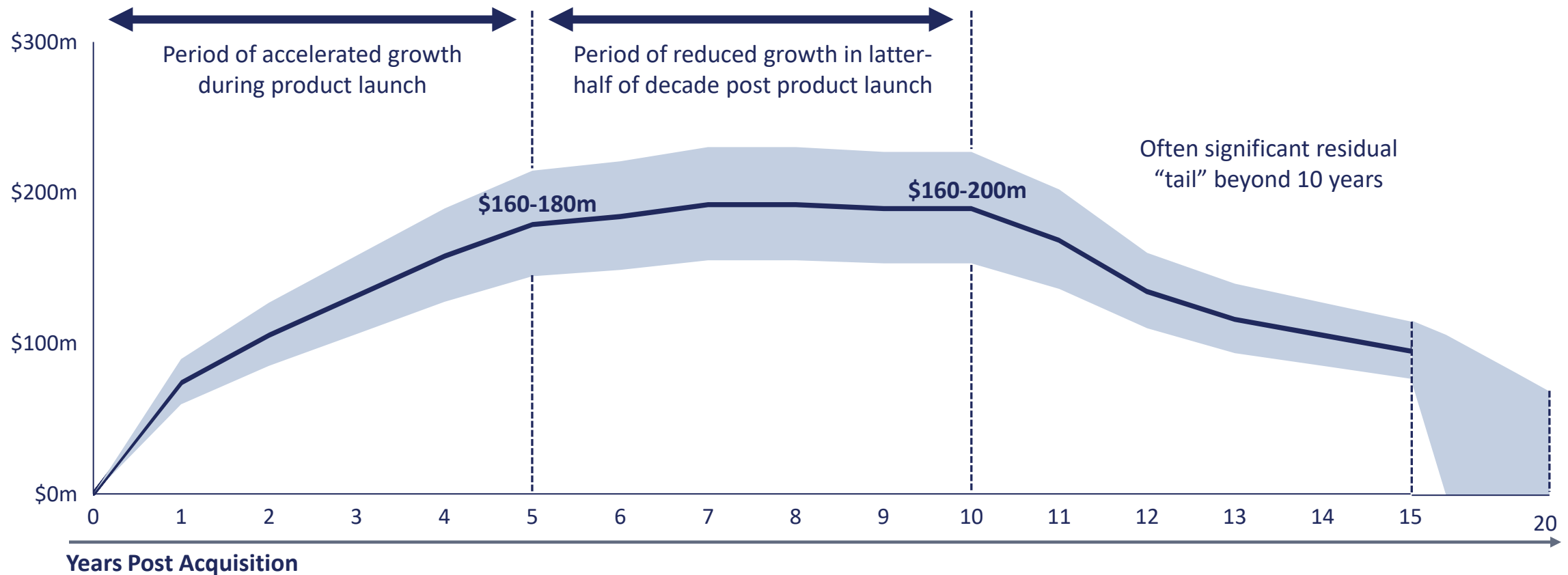
- Flexible investment process enables us to react quickly
- Asset prices adjust in rising rate environment, providing a natural hedge
- Aim to deliver consistent unlevered returns, enhanced with leverage

Participating in most important waves of biopharma innovation



What does \$1bn of investment mean for future cash receipts?

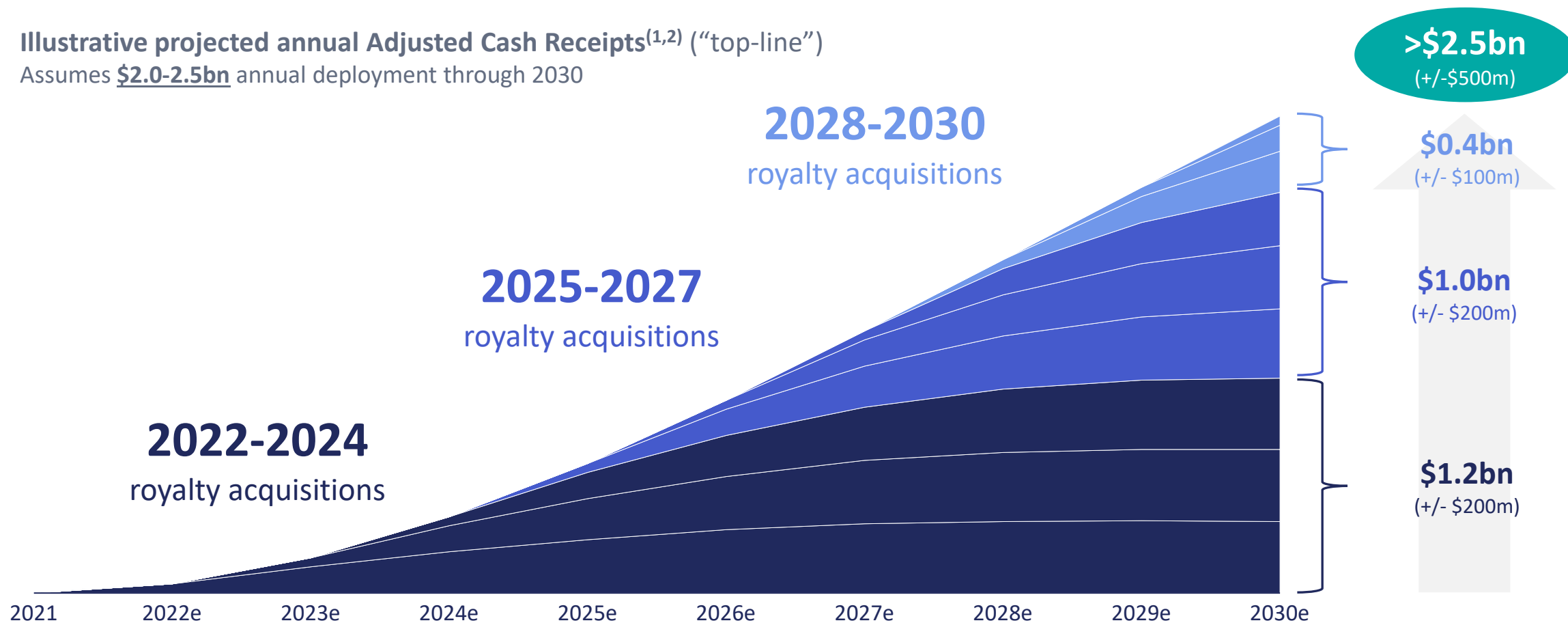
Representative annual Adjusted Cash Receipts^(1,2) (“top-line”) from \$1bn of investment - based on blend of historical acquisitions



Layering of future royalty acquisitions has compounding effect

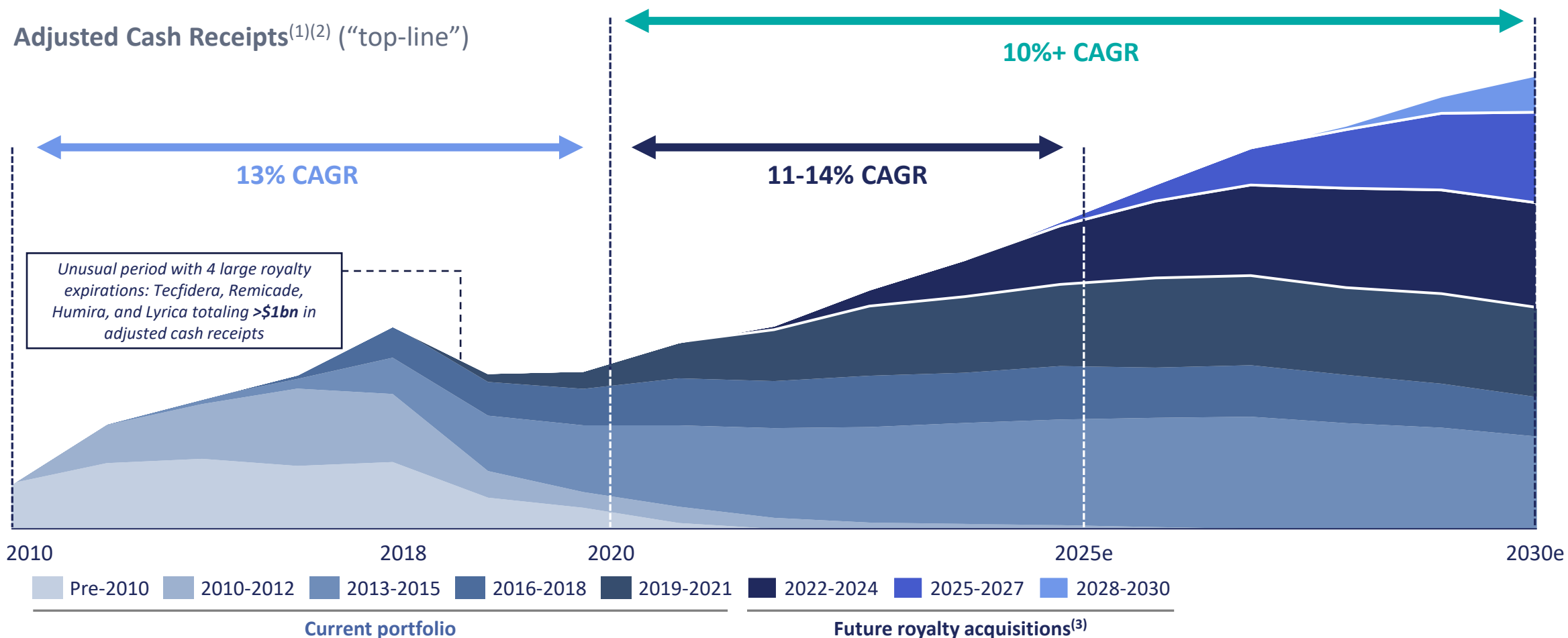
Illustrative projected annual Adjusted Cash Receipts^(1,2) ("top-line")

Assumes \$2.0-2.5bn annual deployment through 2030



\$2.0-2.5bn of average annual royalty acquisitions estimated to add >\$2.5bn to Adjusted Cash Receipts in 2030

Long-term growth powered by consistent portfolio replenishment



1. Adjusted Cash Receipts for periods 2020 and earlier are pro forma for current non-controlling interests. See footnote (1) on slide 114 for additional information.

2. See slide 114 for definitions and factors that may impact the achievement of our growth outlook. Growth outlook includes future royalty acquisitions and excludes development-stage pipeline candidate gantenerumab for Alzheimer's disease. Refer to the Appendix for a GAAP to non-GAAP reconciliation.

3. Illustrative analysis calculated using representative cash receipts based on blended average of actual and projected returns for approved and development-stage transactions over the last five years under a range of scenarios. Assumes \$2.0-2.5bn of capital deployed on average per year through 2030.

Key messages

1	2	3	4
Strong business momentum	Diversified portfolio growth	Efficient compounding engine	Sustainable long-term growth
Increasing outlook for growth and deployment	~ 35 commercial therapies including 12 blockbusters and 9 newly launched therapies with significant growth ahead	Highly efficient business model generating significant cash flow for future royalty acquisitions	Expect to achieve ACR ⁽¹⁾ CAGR of 10% or more over this decade
11-14% ACR ⁽¹⁾ CAGR expected from 2020 to 2025			
~ \$10-12bn royalty acquisition opportunity over next 5-years	10 exciting development-stage therapies	Consistent low teens % historical unlevered returns	

ACR: Adjusted Cash Receipts; CAGR: Compound annual growth rate

1. See slide 114 for definitions and factors that may impact the achievement of our growth outlook. Growth outlook includes future royalty acquisitions and excludes development-stage therapy gantenerumab for Alzheimer's disease. Refer to the Appendix for a GAAP to non-GAAP reconciliation.

Closing remarks

Pablo Legorreta

Founder & Chief Executive Officer

ROYALTY PHARMA



Accelerating innovation, compounding growth

1	2	3	4	5
Strong track record	Unique model	Large moat	Significant opportunity	Compounding growth
Industry pioneer delivering 13% Adjusted Cash Receipts ⁽¹⁾ (“top-line”) CAGR from 2010-2020	Exposure to best attributes of biopharma industry without common challenges	60% share of royalty funding market ⁽²⁾ Model, scale and platform provide durable competitive advantages	>\$1 trillion of capital required to fund biopharma innovation over the next decade	11-14% ACR⁽¹⁾ CAGR expected from 2020 to 2025 Expect to achieve ACR ⁽¹⁾ CAGR of 10% or more over this decade

ACR: Adjusted Cash Receipts; CAGR: compound annual growth rate

- Adjusted Cash Receipts for periods 2020 and earlier are pro forma for current non-controlling interests. See footnote (1) on slide 114 for additional information. See slide 114 for definitions and factors that may impact the achievement of our growth outlook. Growth outlook includes future royalty acquisitions and excludes development-stage pipeline candidate gantenerumab for Alzheimer’s disease. Refer to the Appendix for a GAAP to non-GAAP reconciliation.
- Internal estimates of historical biopharma royalty market size based on announced transactions; encompasses transactions dating from 2012 to present.

Appendix Slides

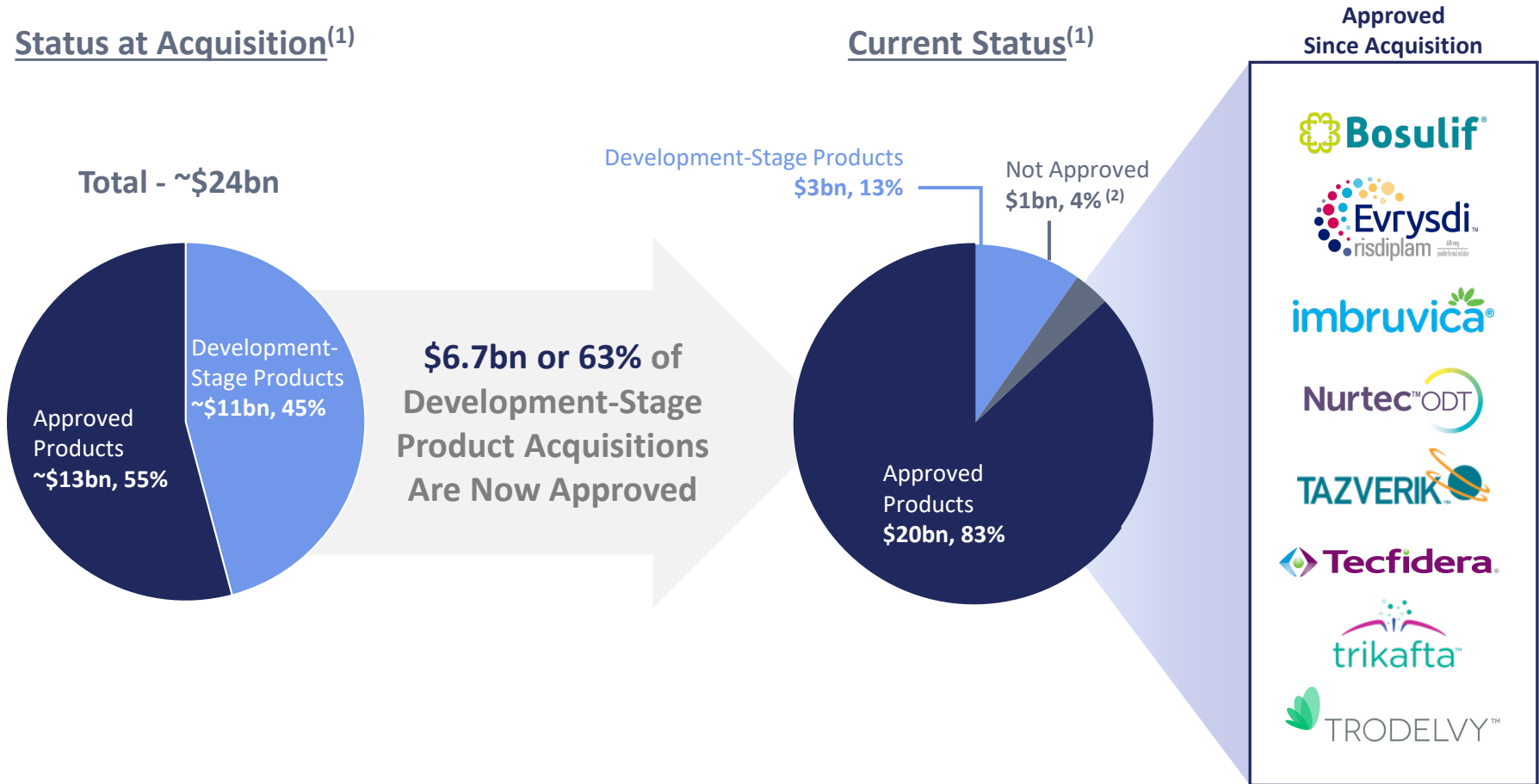
Acquire approved and development-stage royalties

Approved Products ⁽²⁾

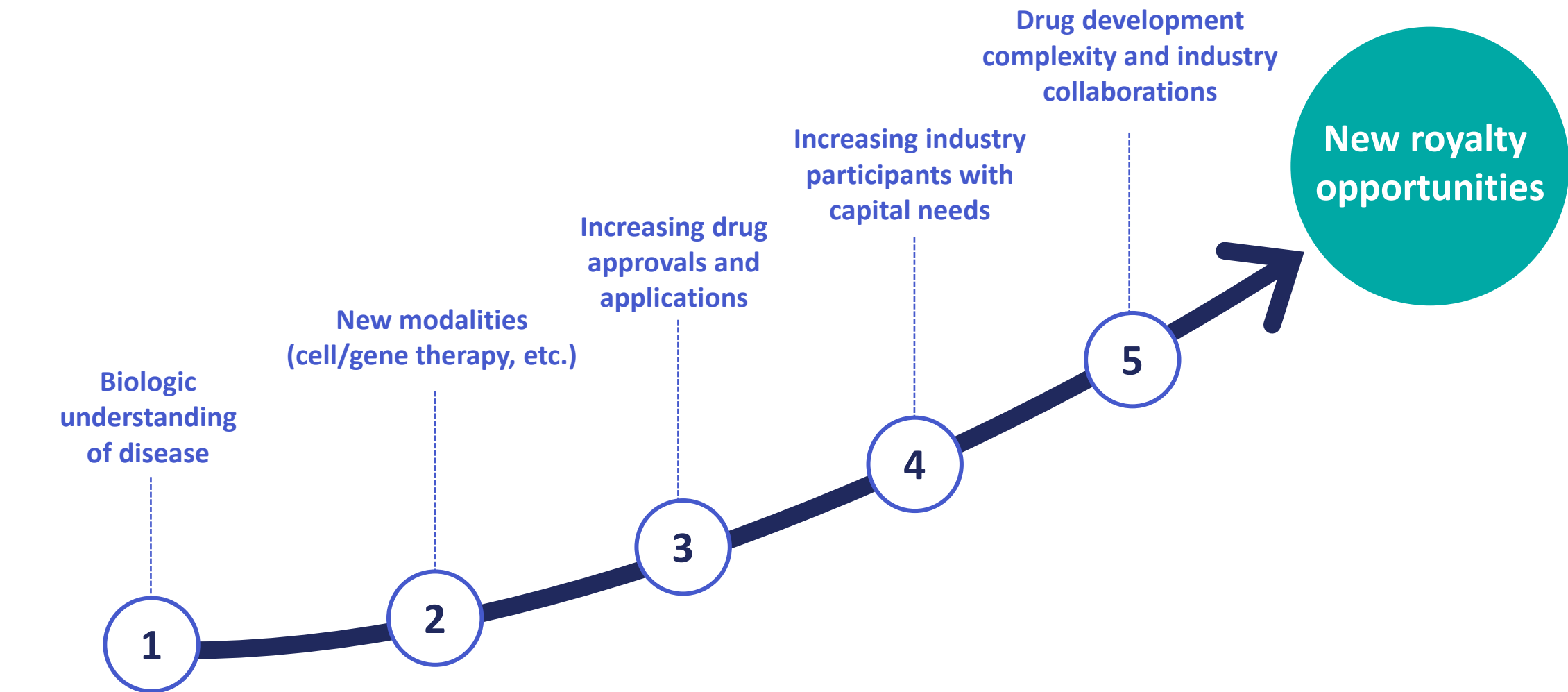
- Predictable and de-risked cash flows
- Growth from increased penetration
- Additional upside from new indications / geographies

Development-Stage Products

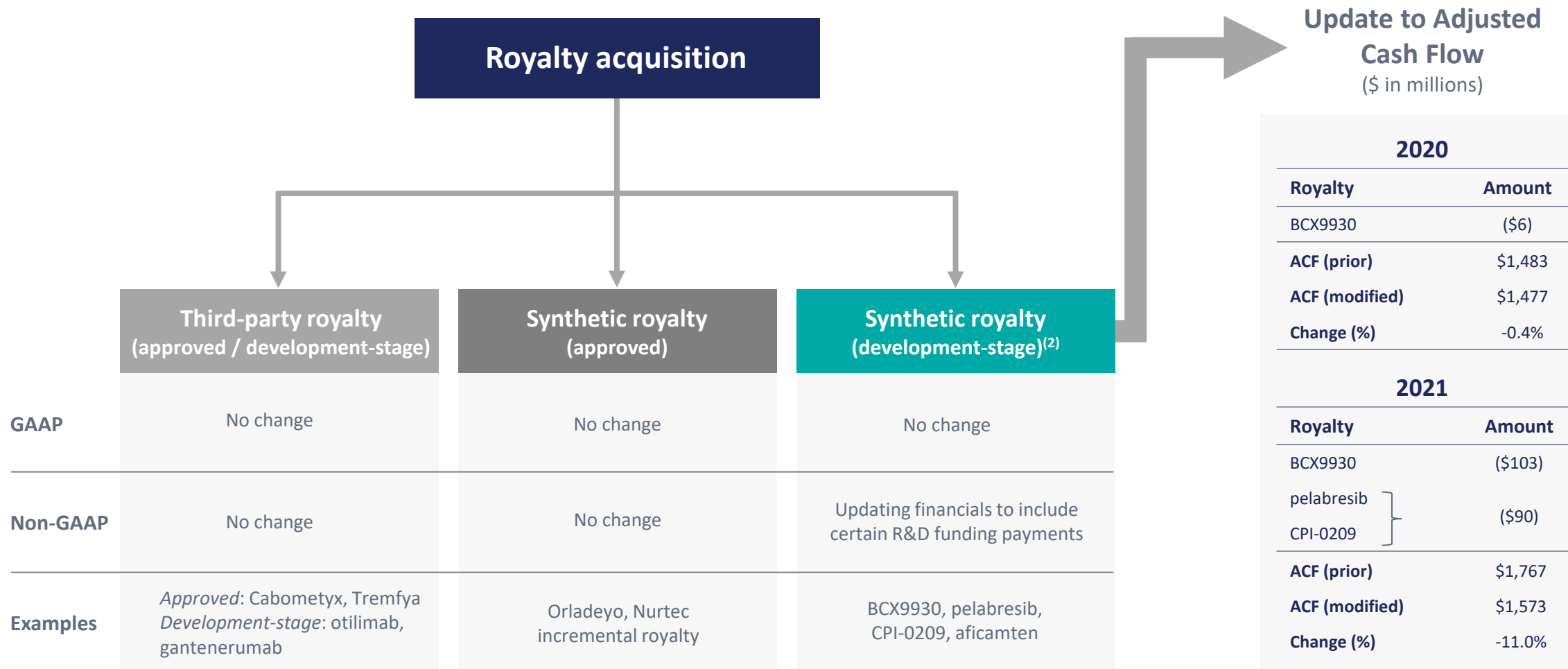
- Broad landscape of opportunities
- Require strong proof-of-concept data
- Significant upside potential



Compounding tailwinds are driving new royalty opportunities



Update to presentation of non-GAAP financial measures⁽¹⁾



Amounts may not add due to rounding

- General treatment of development-stage funding payments – upfront and milestones in non-GAAP financials is subject to specifics of transaction; for development-stage therapies, treatment may depend on probability of success, among other factors.
- Ongoing R&D funding arrangements paid over time as our counterparty incurs R&D costs and already included in non-GAAP financials; upfront and milestone development-stage funding payments related to R&D funding arrangements are now included in Adjusted Cash Flow.

Royalty Pharma non-GAAP financial measures

\$ in millions	FY 2021	FY 2020
Royalty receipts	2,609	2,344
Distributions to non-controlling interests	(480)	(544)
Adjusted Cash Receipts (non-GAAP)⁽¹⁾	2,129	1,800
Payments for operating and professional costs	(185)	(180)
Adjusted EBITDA (non-GAAP)⁽¹⁾	1,944	1,621
Development-stage funding payments – ongoing	(7)	(20)
Development-stage funding payments – upfront & milestones	(193)	(6)
Interest paid, net	(127)	(95)
Investments in equity method investees	(35)	(40)
Other	(16)	10
Contributions from non-controlling interests – R&D	7	8
Adjusted Cash Flow (non-GAAP)⁽¹⁾	1,573	1,477

GAAP to non-GAAP reconciliation – Adjusted Cash Receipts

\$ in millions	FY 2021	FY 2020
Net cash provided by operating activities (GAAP)	2,018	2,035
Adjustments:		
Proceeds from available for sales debt securities	63	3
Distributions from equity method investees – investing	1	15
Interest paid, net	127	95
Development-stage funding payments – ongoing	7	20
Development-stage funding payments – upfront and milestones	193	6
Payments for operating and professional costs	185	180
Termination payments on derivative instruments	16	35
Distributions to non-controlling interests	(480)	(544)
Derivative collateral received, net	-	(45)
Adjusted Cash Receipts (non-GAAP)⁽¹⁾	2,129	1,800

GAAP to non-GAAP reconciliation – Adjusted EBITDA

\$ in millions	FY 2021	FY 2020
Net cash provided by operating activities (GAAP)	2,018	2,035
Adjustments:		
Proceeds from available for sales debt securities	63	3
Distributions from equity method investees – investing	1	15
Interest paid, net	127	95
Development-stage funding payments – ongoing	7	20
Development-stage funding payments – upfront and milestones	193	6
Termination payments on derivative instruments	16	35
Distributions to non-controlling interests	(480)	(544)
Derivative collateral received, net	-	(45)
Adjusted EBITDA (non-GAAP)⁽¹⁾	1,944	1,621

GAAP to non-GAAP reconciliation – Adjusted Cash Flow

\$ in millions	FY 2021	FY 2020
Net cash provided by operating activities (GAAP)	2,018	2,035
Adjustments:		
Proceeds from available for sales debt securities	63	3
Distributions from equity method investees – investing	1	15
Distributions to non-controlling interests	(480)	(544)
Investments in equity method investees	(35)	(40)
Contributions from non-controlling interests – R&D	7	8
Adjusted Cash Flow (non-GAAP)⁽¹⁾	1,573	1,477

Footnotes

- (1) To aid in comparability, growth in 2020 is calculated based on pro forma 2019 results, which adjusts certain cash flow line items as if Royalty Pharma's Reorganization Transactions (as described in the Company's final prospectus filed with the SEC on June 17, 2020 ("Prospectus")) and its initial public offering ("IPO") had taken place on January 1, 2019. The most significant difference between the pro forma and reported figures is the new non-controlling interests that resulted from the Reorganization Transactions. The new contractual non-controlling interests arose in the Reorganization Transactions that results in a higher distribution to non-controlling interests on a pro forma basis as compared to prior historical periods. Less material differences also arise in Royalty receipts for other products as well as *Payments for operating and professional costs*, *Interest paid*, net and in the payments associated with our former interest rate swap contracts.
- (2) Adjusted Cash Receipts is a measure calculated with inputs directly from the statements of cash flows and includes (1) royalty receipts by product: (i) Cash collections from royalty assets (financial assets and intangible assets), (ii) *Other royalty cash collections*, (iii) *Distributions from equity method investees*, plus (2) *Proceeds from available for sale debt securities*, less (1) *Distributions to non-controlling interests*, which represents contractual distributions of royalty receipts and proceeds from available for sale debt securities to our historical non-controlling interests related to the Legacy Investors Partnerships and Royalty Pharma Select Finance Trust (RPSFT). See the Company's Annual Report on Form 10-K filed with the SEC on February 15, 2022 and refer to Royalty Pharma's Current Reports on Form 8-K filed with the SEC on February 15, 2022 and May 5, 2022 for additional discussion. See GAAP to Non-GAAP reconciliation on slide 109 through 112 of the Appendix.
- (3) Adjusted EBITDA is important to lenders and is defined under the credit agreement as Adjusted Cash Receipts less payments for operating and professional costs. Operating and professional costs are comprised of *Payments for operating and professional costs* from the statements of cash flows. See GAAP to Non-GAAP reconciliation on slide 109 through 112 of the Appendix.
- (4) Adjusted Cash Flow is defined as Adjusted EBITDA less (1) *Development-stage funding payments - ongoing*, (2) *Development-stage funding payments - upfront and milestones*, (3) *Interest paid*, net of *Interest received*, (4) *Investments in equity method investees* and (5) Other (including *Derivative collateral posted*, net of *Derivative collateral received* and *Termination payments on derivative instruments*) plus (1) *Contributions from non-controlling interests- R&D*, all directly reconcilable to the statements of cash flows. See GAAP to Non-GAAP reconciliation on slide 109 through 112 of the Appendix.

Financial Guidance footnote

- (5) Royalty Pharma has not reconciled its non-GAAP 2022 guidance to the most directly comparable GAAP measure, cash flow from operations, at this time due to the inherent difficulty in accurately forecasting and quantifying certain amounts that are necessary for such reconciliation, including, primarily, payments for operating and professional costs, distributions from equity method investees, and interest received. The Company is not able to forecast on a GAAP basis with reasonable certainty all adjustments needed in order to project cash flow from operations on a GAAP basis at this time.

Long-term Outlook footnote

- (6) Royalty Pharma's long-term outlook is based on its most up-to-date view on its prospects as of May 17, 2022. This long-term outlook assumes no major unforeseen adverse events subsequent to the date of this presentation. Growth outlook includes future royalty acquisitions and excludes development-stage therapy gantenerumab for Alzheimer's disease. Furthermore, Royalty Pharma may amend its long-term outlook in the event it engages in new royalty transactions. See the information on slide 3 "Forward Looking Statements & Non-GAAP Financial Information," for factors that may impact the long-term outlook.