ROYALTY PHARMA



Corporate Presentation

November 2024

Forward looking statements & Non-GAAP Measures

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ROYALTY PHARMA

Our vision

To be the leading partner funding innovation in life sciences

Our mission

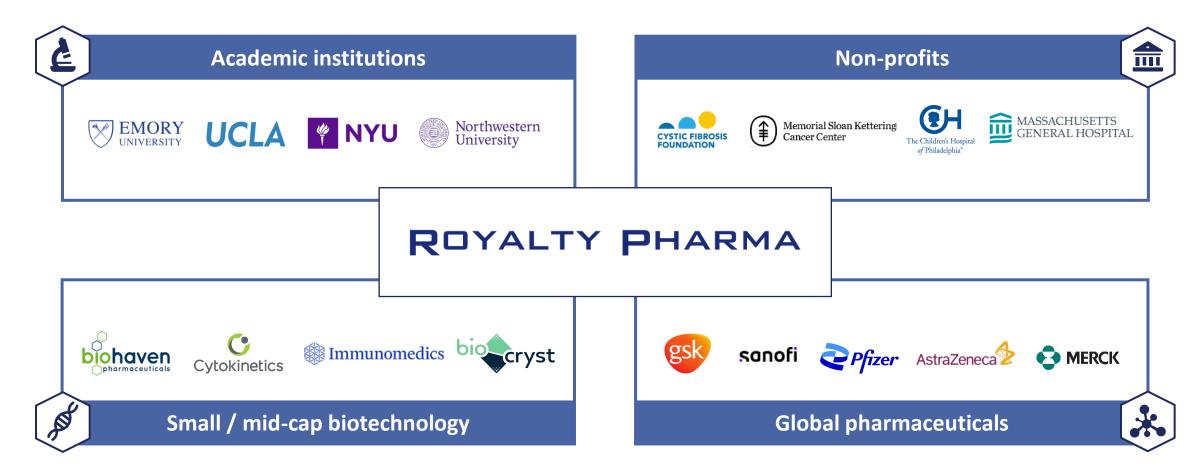
By collaborating to accelerate innovation, we enable our partners to transform patient lives

Royalty Pharma: A unique way to invest in biopharma

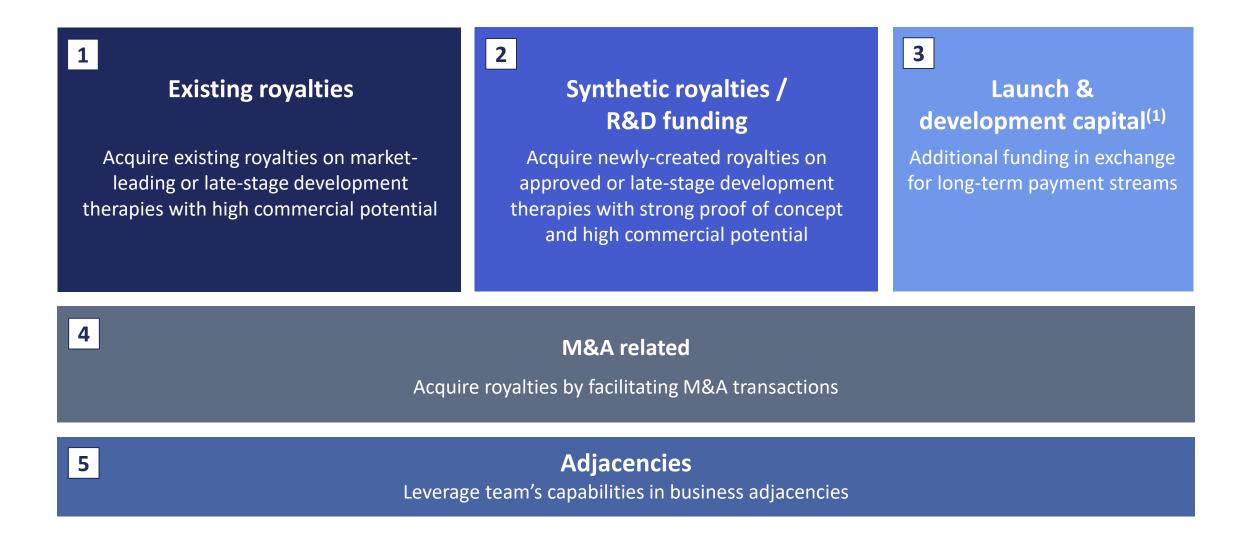
Market leader and pioneer		Compounding growth through value creation		
27 years of compounding value	~60% share of pharmaceutical royalty market ⁽¹⁾	10%+ top-line CAGR expected over this decade ⁽²⁾	Low-teens % average unlevered IRR over multiple decades, high-teens of better with conservative leverage	
Long duration, diversified portfolio		Significant funding opportunity		
~13 year portfolio duration with track record of growing through royalty expirations	15 blockbusters (>\$1bn in annual sales) in portfolio ⁽⁴⁾	>\$1 trillion capital required for biopharma innovation over next decade	\$10-12 billion RP expected capital deployment from 2022-2026; path to doub this longer term ⁽⁵⁾	
Strong track record		Efficient business model		
History of identifying most transformative products	~13% top-line CAGR achieved between 2010-2020	~7-8% cost of capital even with higher rates	\$3.05 billion 2023 top line; 92% Adjusted EBI margins, providing consistent a growing cash flow to be redeplo	

Deep network across the biopharma ecosystem

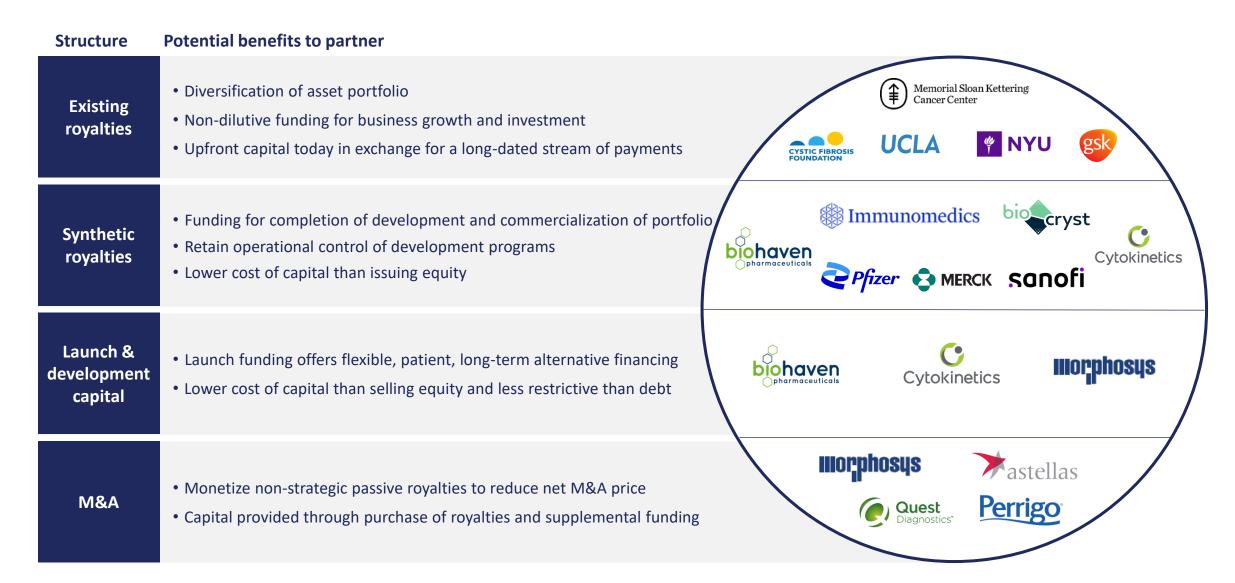
Leading provider of funding solutions for life sciences innovation



Clear strategic plan to drive robust and value-enhancing growth

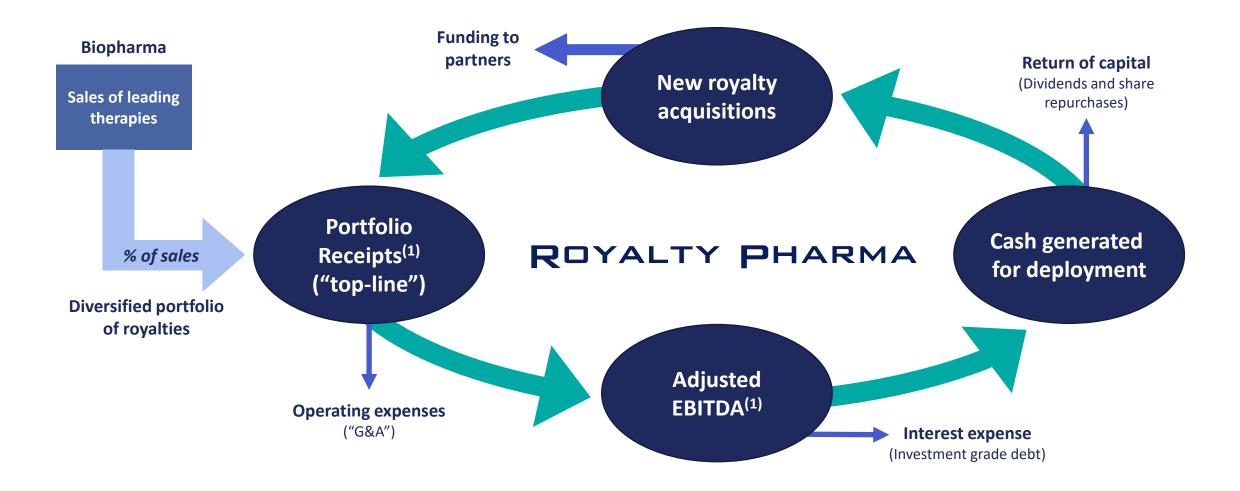


Advancing our partners' core mission with win-win solutions



ROYALTY PHARMA

Simple and efficient business model focused on cash flow



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

Efficient model generates substantial cash flow to reinvest

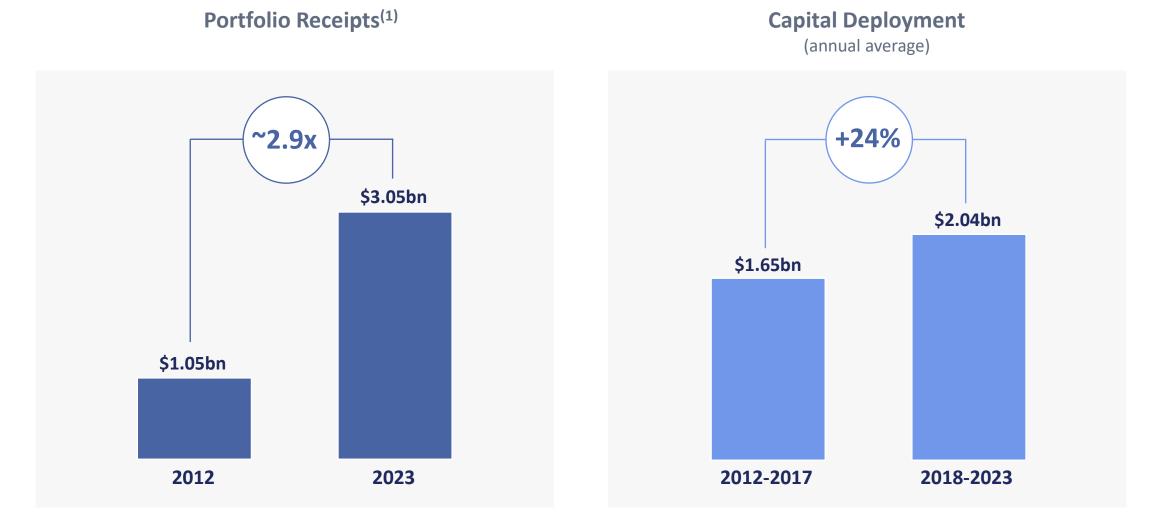
\$ in millions	FY 2023		% PR	Commentary
Royalty Receipts ⁽¹⁾	2,449	+8% YoY		Recurring cash inflows of our royalty portfolio
Milestones & other contractual receipts	599	+15% YoY		More variable cash receipts
Portfolio Receipts	3,049	+9% YoY		Substantially all cash inflows
Payments for operating and professional costs	-243		8.0%	"G&A" expected to remain relatively constant as % of Portfolio Receipts
Adjusted EBITDA (non-GAAP)	2,805		92.0%	
Interest received/(paid), net	-98			
Portfolio Cash Flow (non-GAAP)	2,708		88.8%	Measure of cash that can be redeployed into new royalties, pay down debt, or returned to shareholders
Capital Deployment	-2,192			Reflects cash payments during the period for new and previously announced transactions
Share count ⁽²⁾	603			

YoY: year over year; PR: Portfolio Receipts

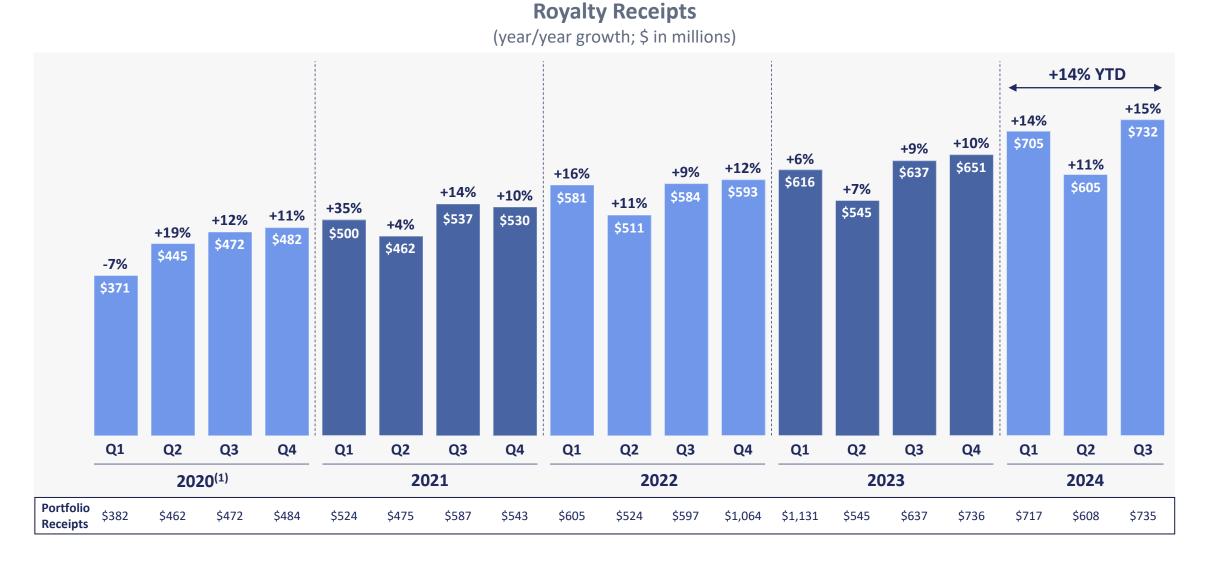
Reported net of legacy non-controlling interests to facilitate increased transparency of individual royalty economics and milestones.
 Reflects weighted-average diluted Class A ordinary shares outstanding in millions.

ROYALTY PHARMA

Track record of delivering strong growth

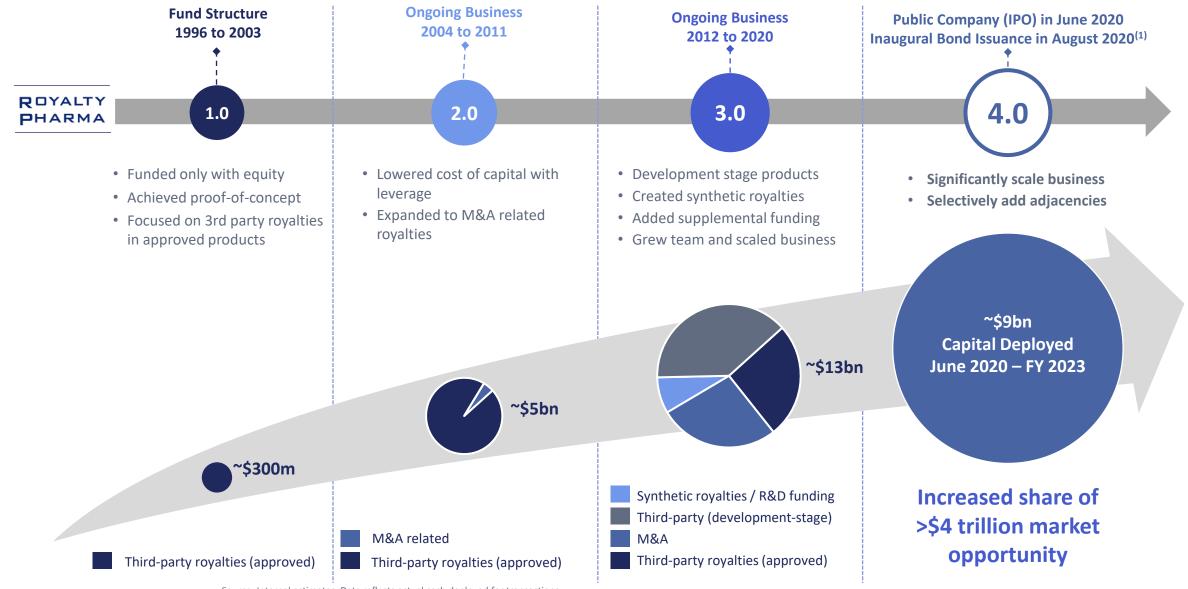


Unique business model powering strong growth since IPO



ROYALTY PHARMA 1. Growth rates are presented on a pro forma basis. See slide 68 for definition and additional information.

Innovative business model supports biopharma ecosystem

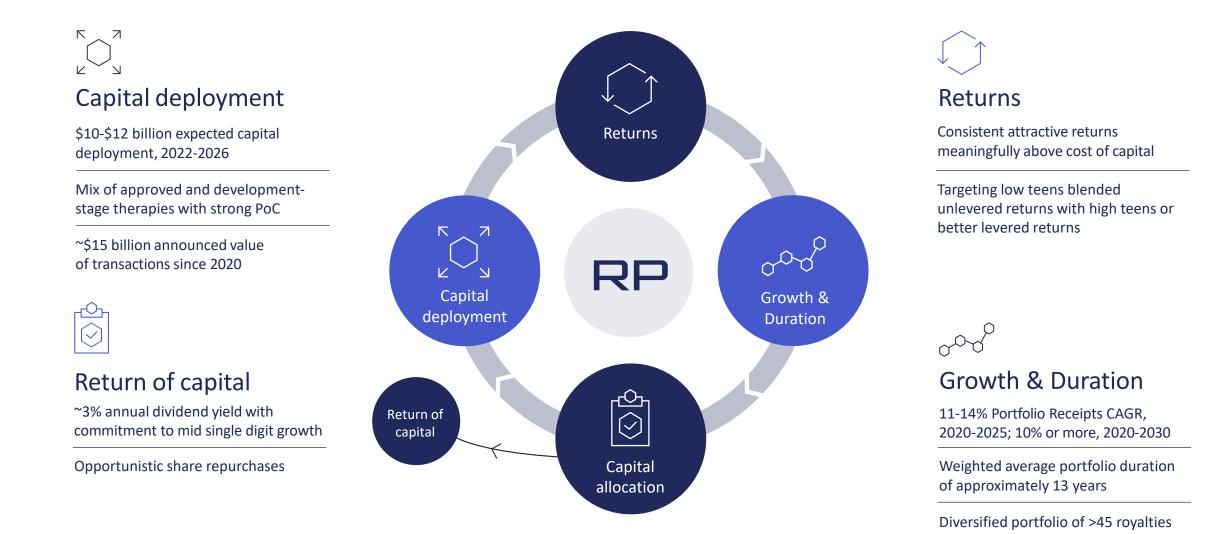


ROYALTY PHARMA Source: Internal estimates. Data reflects actual cash deployed for transactions. 1. Aggregate of \$6.0 billion senior unsecured notes with weighted-average maturity of approximately 12.5 years and weighted-average coupon of 2.125%.

Strong competitive moat in biopharma royalty funding

	Business model	Scale	Platform
R DYALTY PHARMA	 Publicly traded company Long royalty durations ~7-8% cost of capital ~3.1% cost of debt⁽¹⁾ 	 Portfolio >45 products Large investment capacity Deep capital markets access Ability to leverage portfolio 	 Long-tenured team Singular biopharma focus Long collaboration history Deep industry relationships Partner of choice
Other Royalty Buyers	 Serial fund structures Often shorter royalty durations High-single to double-digit cost of capital 	 Smaller, concentrated portfolios Funded with significantly more expensive private debt and equity 	Multi-strategyNew to industry

Simple business model drives compounding growth



Significant accomplishments since IPO

		2020	2023	Increase
Growth	Portfolio Receipts ⁽¹⁾	\$1.8bn	\$3.05bn	~69% 1
	2020-2025 Portfolio Receipts CAGR outlook ⁽²⁾	6-9%	11-14%	>65% 1
Capital	Announced deal value (prior 3 years)	\$3.4bn	\$10.2bn	~3.0x 1
deployment	5-year capital deployment target ⁽³⁾	>\$7bn	\$10-12bn	>55% 1
Portfolio	New therapies added (prior 3 years)	14	24	~71% 🕇
	Development-stage therapies ⁽⁴⁾	3	13	4x 🕇
Platform	Full time employees ⁽⁵⁾ In-depth opportunity reviews ⁽⁶⁾	35 50	89 93	>2.5x

CAGR: compound annual growth rate.

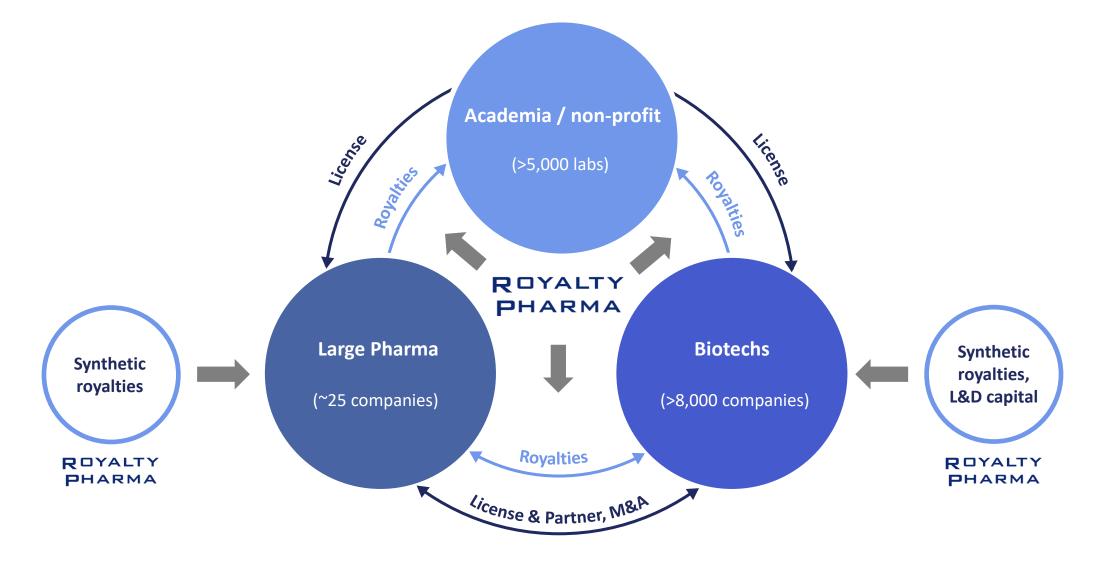
- 1. See slide 68 for definitions. Portfolio Receipts of \$1.8 billion are for the period ended December 31, 2020.
- 2. The 2020-2025 Portfolio Receipts CAGR of 6-9% was provided on August 12, 2020. The 2020-2025 Portfolio Receipts CAGR of 11-14% was provided at May 17, 2022 Investor Day. The increase is calculated using the midpoint of each of the Portfolio Receipts outlook ranges. See slide 68 for factors that may impact our outlook.
- 3. Capital deployment target of >\$7bn provided on August 12, 2020. Capital deployment target of \$10-12bn provided at May 17, 2022 Investor Day. See slide 68 for factors that may impact our capital deployment target. The increase is calculated using the midpoint of today's 5-year capital deployment target range.

4. Development-stage therapies for 2020 period is as of November 2020; development-stage therapies for the today period is as of December 2023.

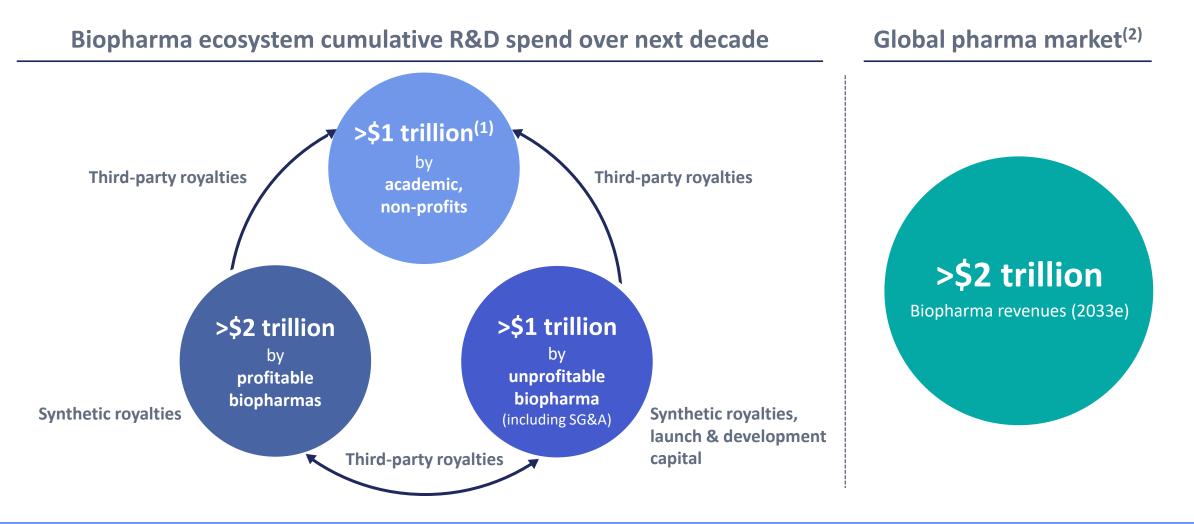
ROYALTY PHARMA 4.

- 5. Full time employees of our Manager for the 2020 period is as of December 31, 2019; full time employees of our Manager for the today period is as of December 31, 2023.
- 6. In-depth opportunity reviews of 50 is for the period ended December 31, 2020 and 93 is for the period ended December 31, 2023.

Industry fragmentation and complexity drive royalty creation



Significant opportunity to fund biopharma innovation



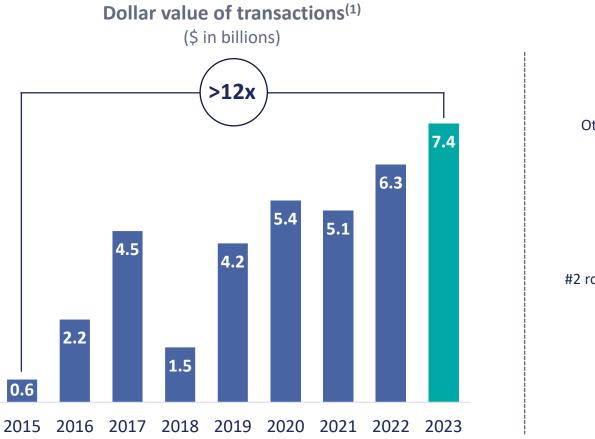
Entire biopharma ecosystem drives our pipeline

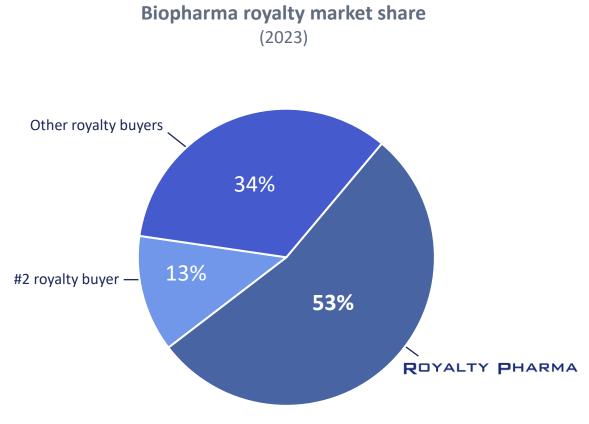
ROYALTY PHARMA

Source: Bloomberg, Visible Alpha and CapIQ

Based on estimates from Research America and internal Royalty Pharma analysis.
 Based on Evaluate Pharma as of January 2024.

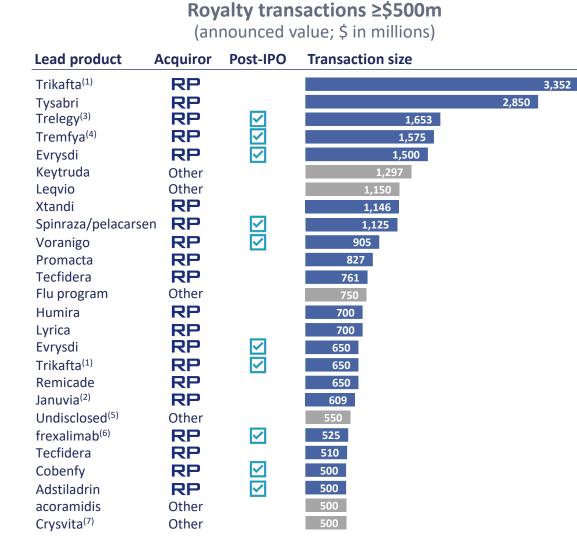
Strong momentum for biopharma royalty market



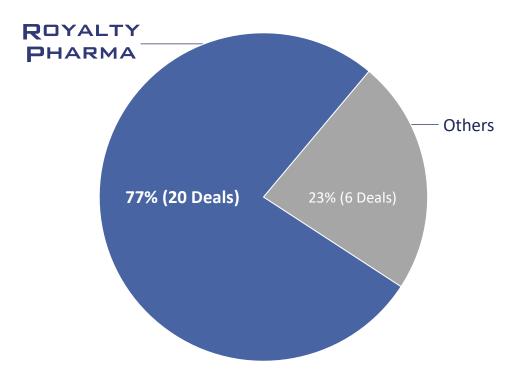


Royalty Pharma maintained its leading share of the rapidly growing biopharma royalty funding market

Royalty Pharma dominates large royalty transactions



Market share of deals ≥\$500m (by count)



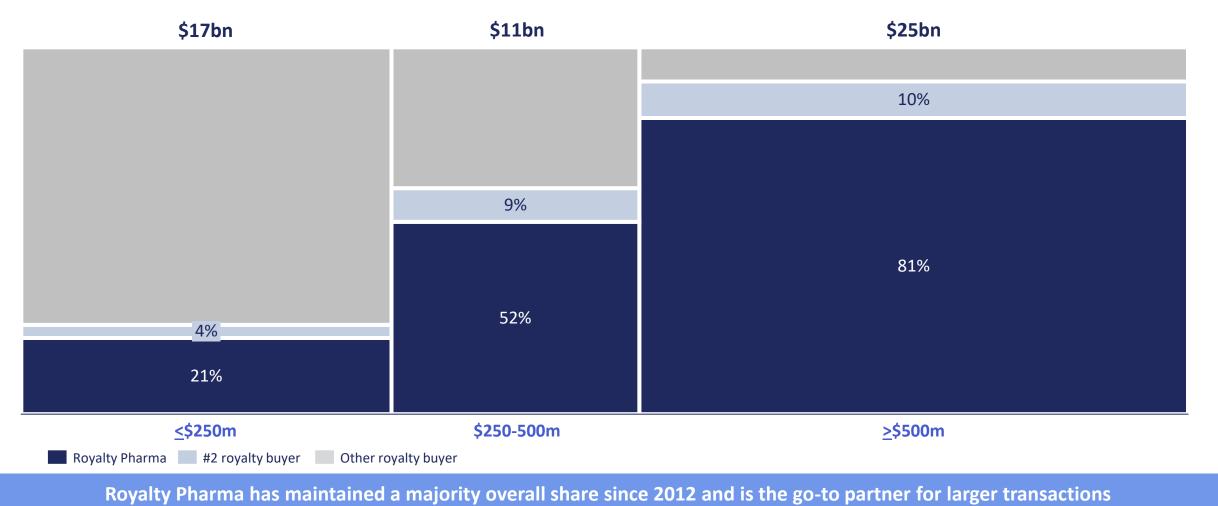
Note: transaction size excludes equity and debt investments



1. Products representative of royalties on franchises include Trikafta (CF Franchise). 2. Products representative of royalties on franchises include Januvia (DPP-IVs). 3. Transaction value also includes ampreloxetine. 4. Transaction value also includes amount paid for royalties on gantenerumab/trontinemab, otilimab, pelabresib, tulmimetostat. 5. R&D funding deal with Pfizer announced April 2023. 6. Deal value includes estimated transaction costs. 7. OMERS acquisition of Crysvita royalties announced July 2022.

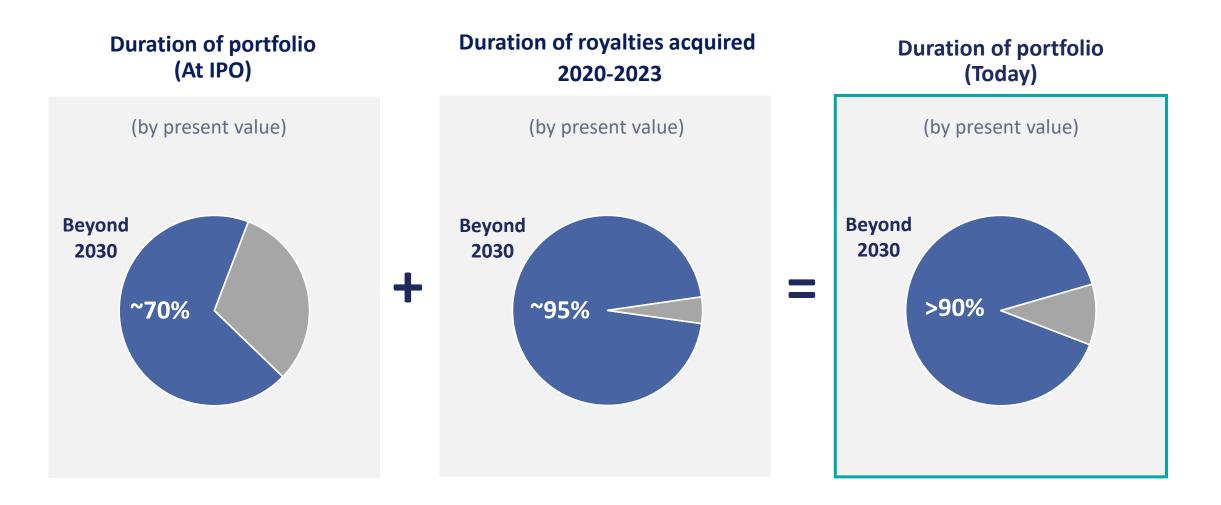
Royalty Pharma is the leader in royalty transactions

Biopharma royalty market size and share by transaction value, 2012-2024 YTD⁽¹⁾



ROYALTY PHARMA 1. Internal estimates of historical biopharma royalty market size based on announced transactions; size of blocks are relative to total announced value in each deal size range.

Long duration portfolio consistently replenished

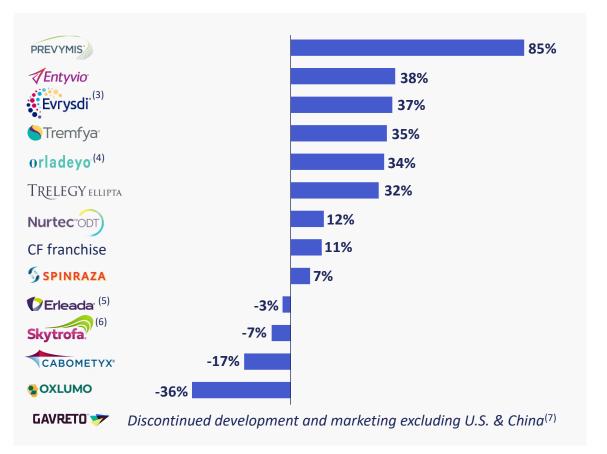


~13 year weighted average royalty portfolio duration

Strong early performance from recent transactions⁽¹⁾

Percent change in 2025 consensus sales⁽²⁾ since acquisition

(Transactions since 2020; approved therapies)



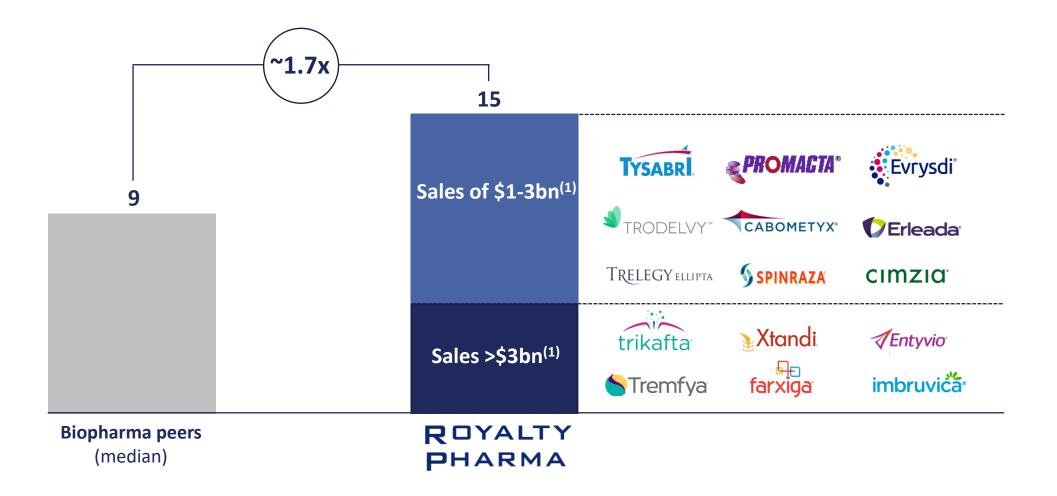
Development-stage therapies

(Transactions since 2020; select events)

		Therapy	Indication	Event	Status
		aficamten	оНСМ	Phase 3 results	\checkmark
		seltorexant	depression	Phase 3 results	\checkmark
		pelabresib	myelofibrosis	Phase 3 results	
		Tremfya	Crohn's disease	Phase 3 results	
	Clinical	TEV-'749	schizophrenia	Phase 3 results ⁽⁸⁾	\checkmark
	CIİ	BCX10013	PNH	Phase 1 results	×
		otilimab	rheumatoid arthritis	Phase 3 results	×
		gantenerumab	Alzheimer's disease	Phase 3 results	×
		trontinemab	Alzheimer's disease	Phase 1b/2a data	
		(gantenerumab brain shuttle) MK-8189 ⁽⁹⁾	schizophrenia	Phase 2b data	
					_
		Voranigo	glioma	FDA approval	
Regulatory	2	Cobenfy	schizophrenia	FDA approval	\checkmark
	ato	Tremfya	ulcerative colitis	FDA approval	
	gul	Zavzpret	migraine	FDA approval	
	Re	Airsupra	asthma	FDA approval	\checkmark
		Evrysdi	SMA	FDA approval	

oHCM: obstructive hypertrophic cardiomyopathy; UC: ulcerative colitis; PNH: paroxysmal nocturnal hemoglobinuria; SMA: Spinal muscular atrophy; NDA: New Drug Application 1. Recent transactions include transactions since 2020. 2. Consensus sales sourced from Visible Alpha as of October 2024 and includes therapies with consensus available at the time of the deal and now. 3. Change in Evrysdi consensus sales is from date of initial PTC transaction (July 20, 2020). 4. Change in Orladeyo consensus sales is from date of initial BioCryst transaction (December 7, 2020). 5. Change in Erleada consensus sales is from date of second Erleada transaction (June 5, 2023). 6. Reflects U.S. sales of Skytrofa. 7. Blueprint Medicines press release, January 8, 2024. 8. Teva reported positive Phase 3 efficacy results on May 8, 2024. Long-term safety data is expected in H1 2025. 9. In October 2024, Merck updated its public disclosures to remove MK-8189 from its pipeline chart and Royalty Pharma does not anticipate making a further investment in this program.

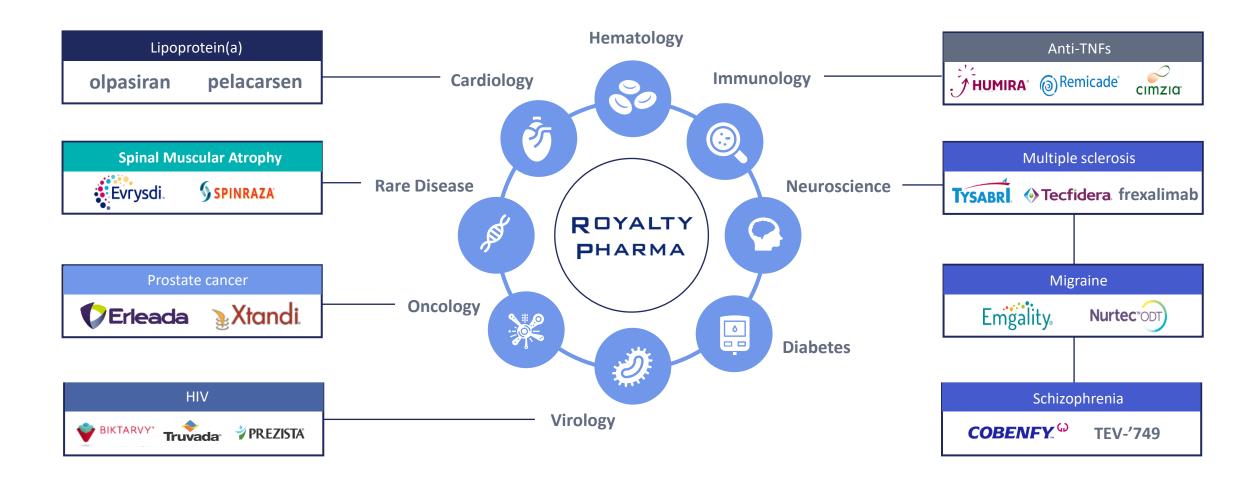
Industry leading exposure to blockbuster products



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

ROYALTY PHARMAPeers consist of Eli Lilly, Johnson & Johnson, Merck, Pfizer, AbbVie, Bristol Myers Squibb, Gilead, Amgen, Biogen, Vertex, Regeneron, Roche, Novartis, GSK, Sanofi, Novo Nordisk and AstraZeneca. 1. Calculated based on 2023 end market sales and excludes products tied to recently expired royalties.

Unique ability to invest in multiple products in the same class



Portfolio agnostic to therapeutic area, modality and drug class

Repeat transactions highlight value of Royalty Pharma partnership

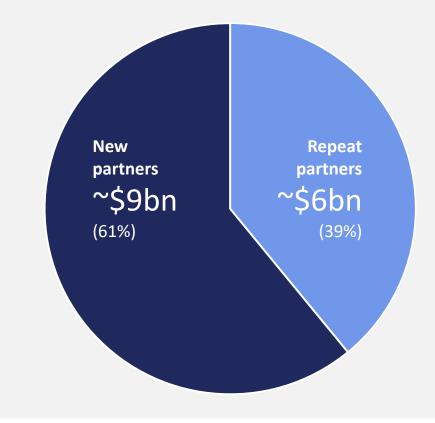


Deploying substantial capital with repeat partners



Capital deployed with repeat partners

(~\$15bn of announced transaction value since 2020)



Participating in most important waves of biopharma innovation

Next exciting wave of biopharma innovation

frexalimab - MS pelacarsen/olpasiran - CV disease Cobenfy - schizophrenia Voranigo - brain cancer aficamten - oHCM trontinemab - AD

Trikafta - cystic fibrosis Tremfya - immunology Cabometyx - kidney cancer Entyvio - gastrointestinal Evrysdi - spinal muscular atrophy Nurtec ODT/Emgality - migraine

Truvada - HIV Lyrica - nerve pain Humira/Remicade - immunology nology

Rituxan - blood cancer/immunology Neupogen/Neulasta - supportive cancer care Thalomid - blood cancer Januvia - diabetes Tecfidera/Tysabri - MS Imbruvica - blood cancer Kalydeco - cystic fibrosis Xtandi - prostate cancer

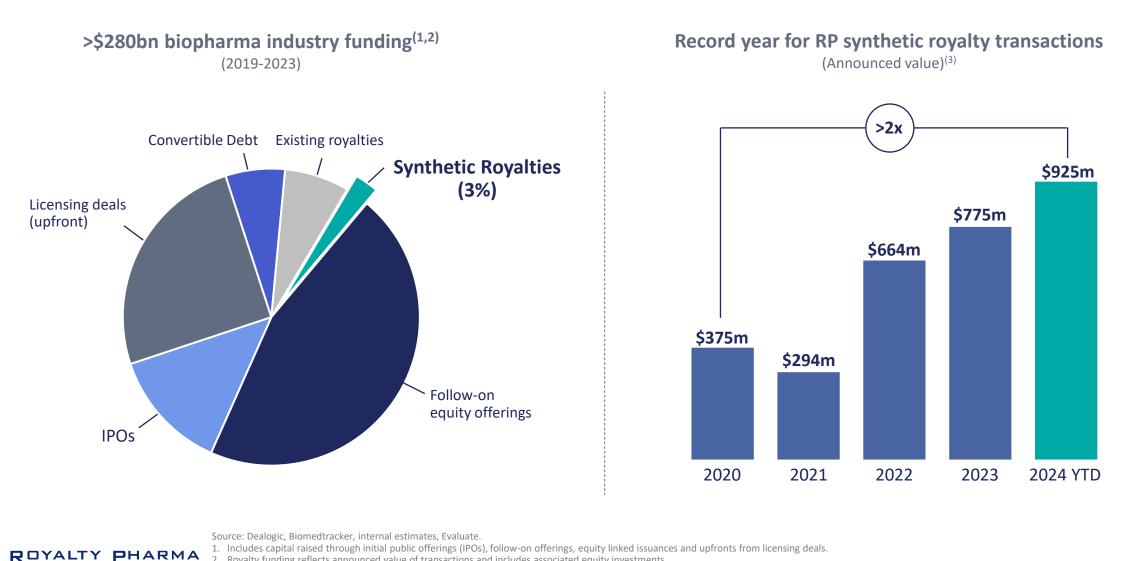
Synthetic royalties are an attractive funding modality

Benefits to biopharma partner

	Royalty	Debt	Equity
Non-dilutive to equity / preserves equity upside	✓	~	
Customized and tailored funding solutions	\checkmark		
Independent validation of therapy's value to patients	~		
Share risk of development and/or commercialization	~		~
No financial covenants	~		~
Long-term alignment of interests	~		
Value add through proprietary analytics	~		

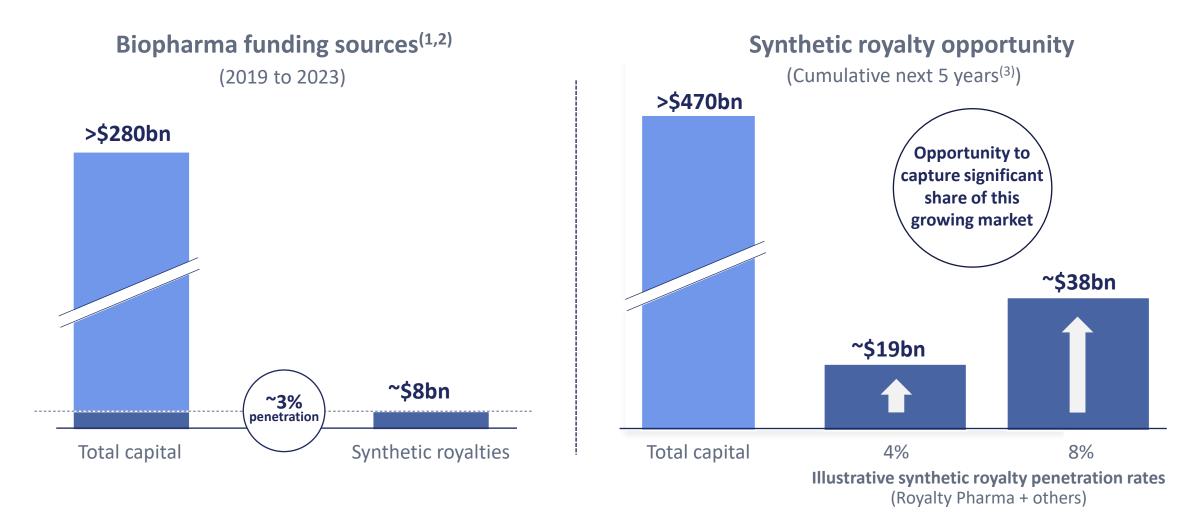
Synthetic royalties – a compelling innovation with significant growth potential

Synthetic royalties are a rapidly growing funding modality



Royalty funding reflects announced value of transactions and includes associated equity investments.
 Data reflects announced value of transactions, including milestones and contingent payments. Amount in 2024 includes Cytokinetics development funding but excludes commercial launch funding.

Synthetic royalty market has room for significant expansion



Source: Dealogic, Biomedtracker, internal estimates, Evaluate.

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

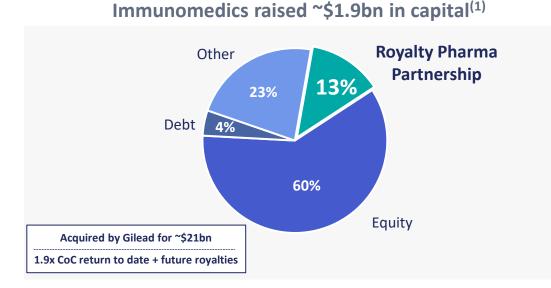
2. Royalty funding includes upfront investment consideration, including acquisitions of synthetic royalties and associated equity investments.

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

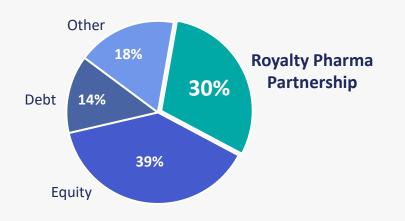
Providing needed capital for M&A transactions

	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	Harmaceuticals	astellas (osı) pharmaceuticals	Emerging opportunity

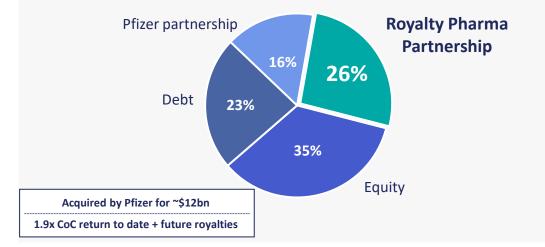
Emerging funding paradigm for successful biotechs



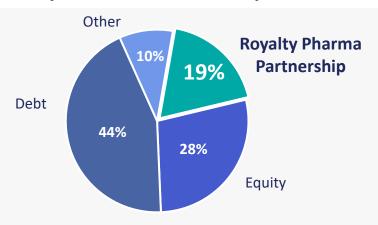
Cytokinetics raised ~\$3.7bn in capital⁽³⁾



Biohaven raised ~\$3.2bn in capital⁽²⁾



BioCryst raised ~\$1.6bn in capital⁽⁴⁾



CoC: cash on cash

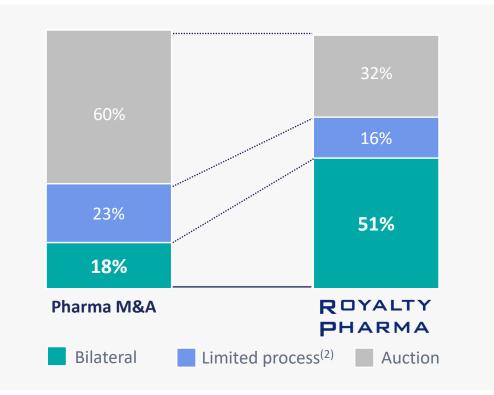
Note: estimates based on publicly available information as of date of announced transaction. Debt and Royalty Pharma partnerships assume fully drawn facilities and maximum transaction value. Other primarily includes upfront payments.

ROYALTY PHARMA

1. Capital raised since January 1, 2013. 2. Capital raised since Biohaven's May 2017 IPO. Only includes upfront payment from Pfizer partnership. 3. Capital raised since Cytokinetics expanded license agreement with Amgen, June 12, 2013. 4. Capital raised since BioCryst's December 2012 corporate restructuring to focus strategy on advancing hereditary angioedema program.

Proprietary sourcing provides competitive advantage

Source of deals⁽¹⁾





Network of deep relationships



Track record of "win-win" outcomes



Scale advantages

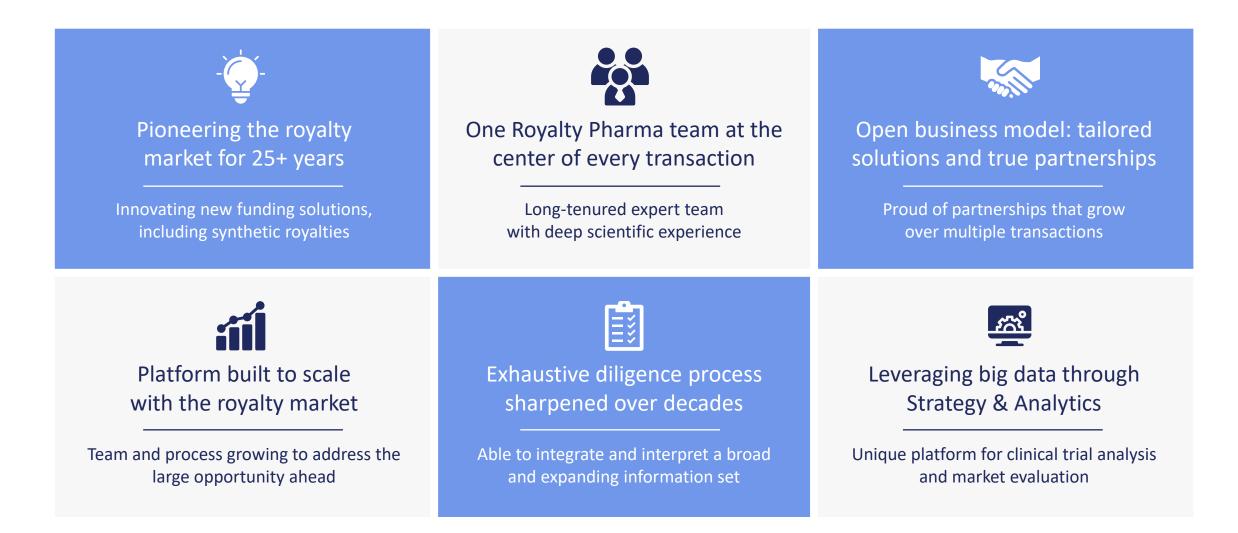


Majority of Royalty Pharma transactions negotiated on a bilateral basis

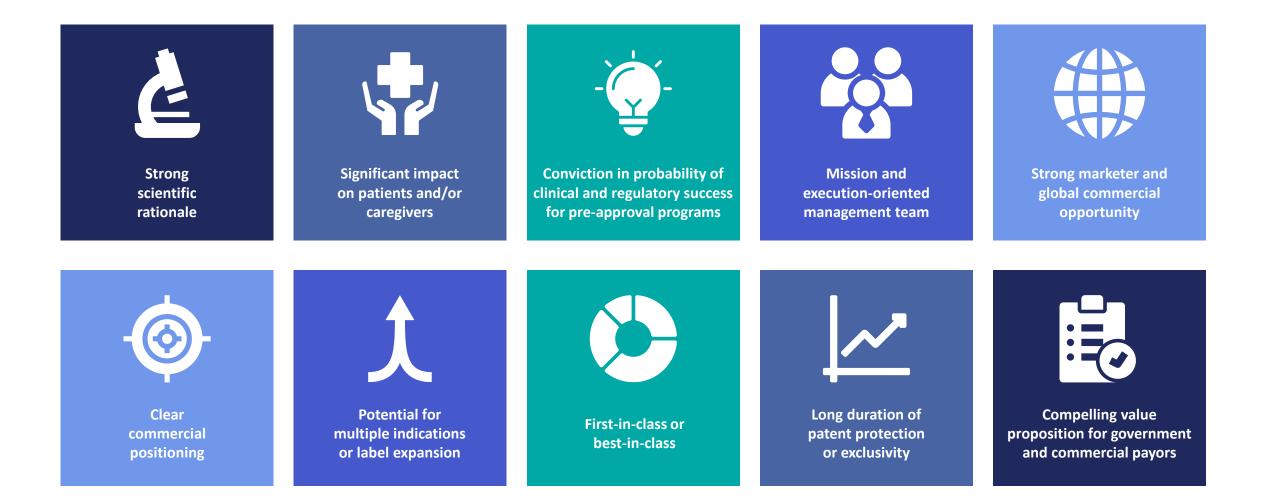
ROYALTY PHARMA

1. Includes all Royalty Pharma transactions announced from January 2016 to March 2023; analysis of Schedule 14D-9s for pharma M&A transactions and includes biotech acquisitions greater than \$1 billion in value (57 in total). Percentages are based on number of transactions.

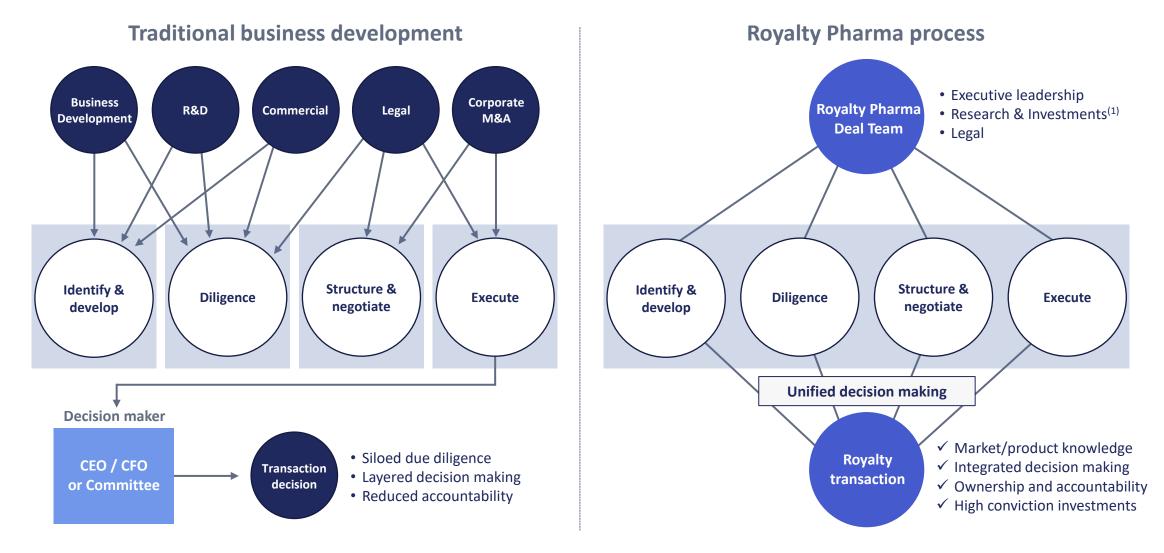
Unique Research & Investments team and process



Our framework focuses on key product success factors

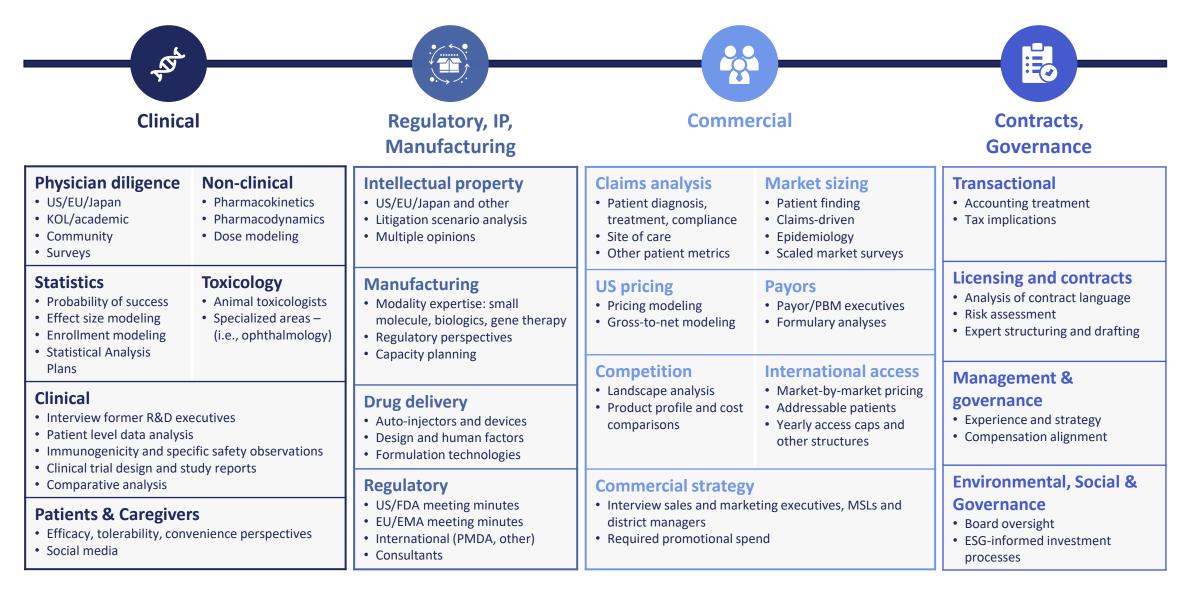


One Royalty Pharma team at the center of every transaction



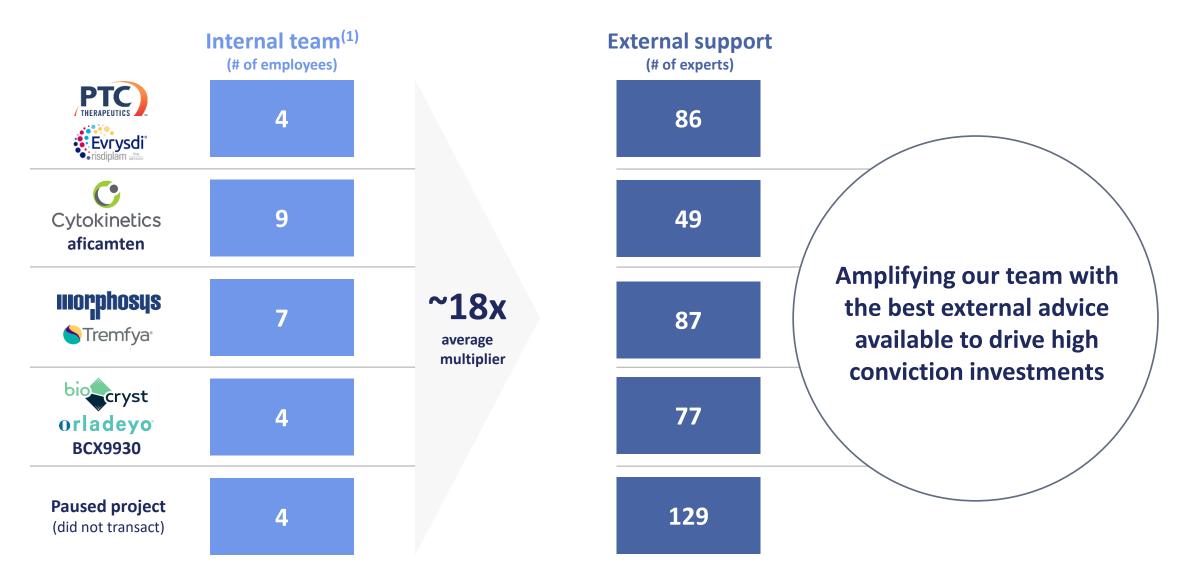
ROYALTY PHARMA 1. Includes Research & Investments, Investments & Capital Strategies and Strategy & Analytics.

Extensive due diligence process sharpened over decades

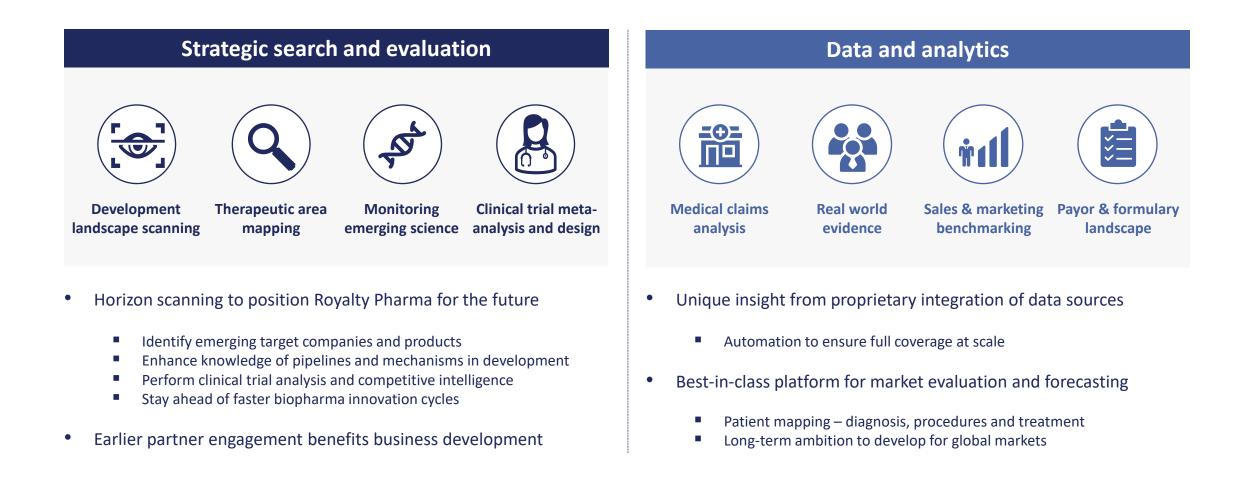


ROYALTY PHARMA

Leveraging the best internal and external expertise available



Our ambitious vision for Strategy & Analytics

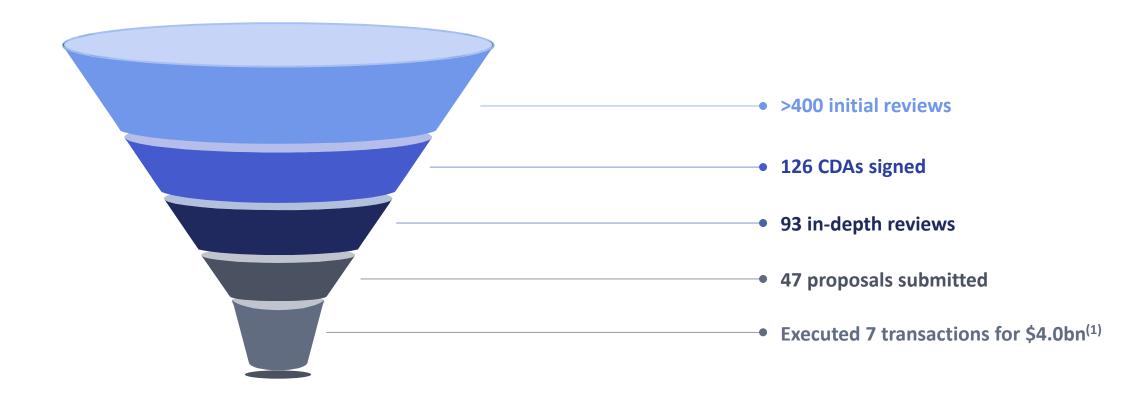


Strategy & Analytics improves Royalty Pharma's investment process and adds value to our partners

ROYALTY **P**HARMA

Announced \$4.0 billion of transactions in 2023

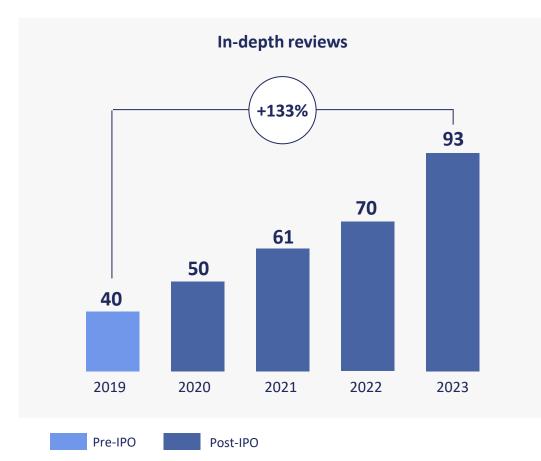
2023 Royalty Pharma investment activity



Maintained strong financial discipline: ~2% of initial reviews resulted in an acquired royalty

Strong Royalty Pharma pipeline trends given market backdrop

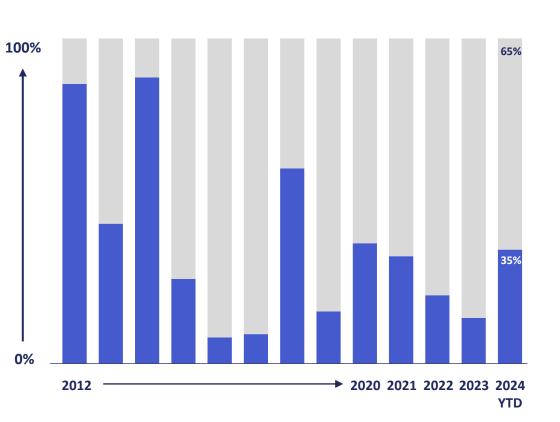
Opportunity set increasing



Robust royalty acquisition activity



Healthy mix of approved and development-stage investments

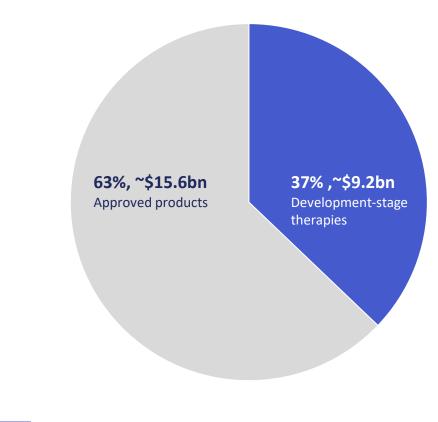


Annual Capital Deployment

~\$24.8 billio

~\$24.8 billion in cumulative Capital Deployment

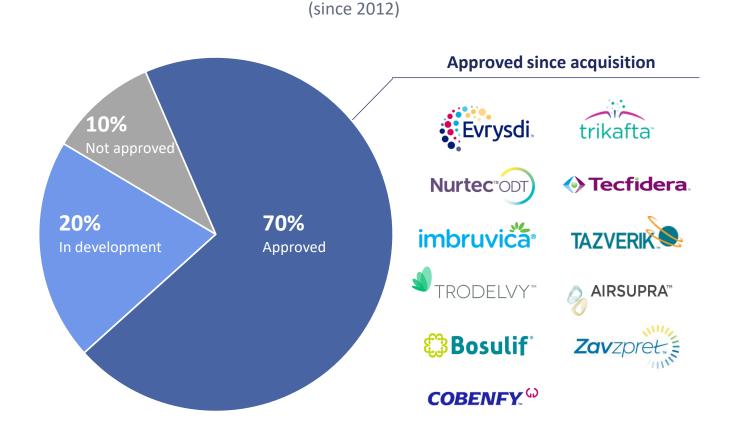
(since 2012 – 2024 YTD)



Approved **Development-stage**

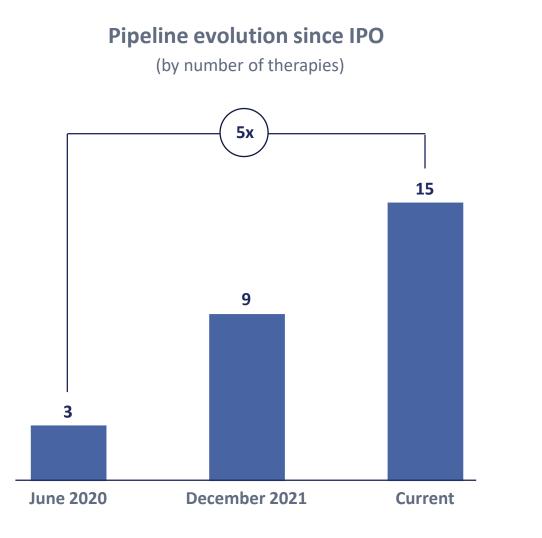
Strong track record of investing in development-stage therapies

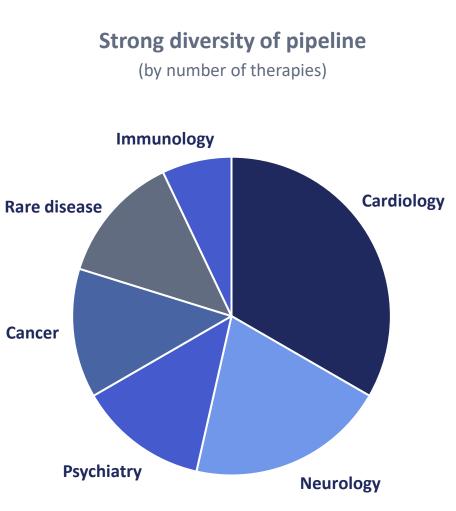
- Invested ~\$9bn in development-stage therapies since 2012
 - Require strong proof of concept data
 - Broad landscape of opportunities
 - Not constrained by therapeutic area
 - Target returns in the teens
- 15 development-stage therapies in portfolio
- History of identifying therapies with unmet and underserved patient needs



Capital Deployment on development-stage therapies^(1, 2)

Significant growth and diversity of development-stage pipeline





Unique and powerful approach to development-stage investing

	Product	selection	Deal structure		
Approach	Post proof of concept with strong evidence of clinical efficacy and safety Partnering directly with innovators provides unique insights into clinical program and sales potential		Risk mitigation strategies through clinical & regulatory milestones, royalty tiering, option periods, etc. Strong alignment with partner through co-funding on top R&D programs		
Examples	Cobenfy Investment after third positive registrational trial minimizes regulatory risk	aficamten Unique insights into clinical program through direct partnership with Cytokinetics	frexalimab Nearly half of purchase price potentially returned in higher probability milestones mitigates risk	TEV-'749 Will receive entire amount funded over 5 years on FDA approval, in addition to a royalty on sales ⁽¹⁾	

Unique approach to development-stage investing drives attractive returns while mitigating risk

ROYALTY PHARMA1. If Teva chooses not to file a New Drug Application with the FDA following positive Phase 3 study results, then Teva will pay an amount equal to 125% of the total amount funded to Royalty Pharma.

Multiple important events expected over next 12 months

Solact recent and	expected upcoming events	202		2025
	_	Q3	Q4	
	trontinemab Phase 1/2b results for Alzheimer's disease ⁽¹⁾			
	Trodelvy Phase 3 results for 1L metastatic triple-negative breast cancer (ASCENT-03) ⁽²⁾			
Clinical	TEV-'749 Phase 3 safety results for schizophrenia (SOLARIS) ⁽³⁾			
	pelacarsen Phase 3 results for cardiovascular disease (HORIZON) ⁽⁴⁾			
	Cobenfy Phase 3 results in adjunctive schizophrenia (ARISE) ⁽⁵⁾			
	Voranigo FDA decision in IDH-mutant glioma ⁽⁶⁾			
	Cobenfy FDA decision in schizophrenia ⁽⁷⁾			
	Tremfya FDA decision in ulcerative colitis ⁽⁸⁾	\checkmark		
Regulatory	Cabometyx FDA filing in advanced neuroendocrine tumors ⁽⁹⁾	\checkmark		
	aficamten FDA filing in obstructive hypertrophic cardiomyopathy ⁽¹⁰⁾			
	aficamten EMA filing in obstructive hypertrophic cardiomyopathy ⁽¹⁰⁾			
	Tremfya FDA and EMA decisions in Crohn's disease ⁽¹¹⁾			

FDA: Food & Drug Administration; IDH: isocitrate dehydrogenase; EMA: European Medicines Agency

ROYALTY PHARMA^{1.} Roche investor presentation, October 31, 2024. 2. Gilead Q3 earnings transcript, November 6, 2024. 3. Teva press release, September 21, 2024. 4. Novartis Q3 earnings presentation, October 29, 2024. 5. Bristol Q3 earnings presentation, October 31, 2024. 6. Servier press release, August 6, 2024. 7. Bristol Myers Squibb press release, September 26, 2024. 8. Johnson & Johnson press release, September 11, 2024. 9. Exelixis Q3 earnings press release, October 29, 2024. 10. Cytokinetics Analyst Day press release, October 16, 2024. 11. Johnson & Johnson Q3 earnings call transcript, October 15, 2024.

Big products with world class marketers and large royalties

Therapy	Lead indication	Marketer	Potential first- or best-in-class	Potential peak sales (non risk adjusted) ⁽¹⁾	Potential peak royalties	Expected launch year ⁽²⁾
frexalimab	multiple sclerosis	Sanofi	 Image: A second s	>\$5bn	>\$400m	2028
olpasiran	cardiovascular disease	Amgen	 ✓ 	>\$3bn	>\$250m	2027
aficamten	hypertrophic cardiomyopathy	Cytokinetics	 ✓ 	>\$4bn	>\$175m	2025
pelacarsen	cardiovascular disease	Novartis	✓	>\$3bn	>\$150m	2026
seltorexant	depression	Johnson & Johnson	N 🗸	\$1-5bn	>\$150m	2025
deucrictibant	hereditary angioedema	Pharvaris	 Image: A start of the start of	>\$1bn	>\$55m	2027
TEV-'749	schizophrenia	Теvа	✓	~\$1bn	~\$35m	2026
pelabresib	myelofibrosis	Novartis	✓	>\$1bn	>\$30m	2026
Total (late-stage development):				>\$21bn	>\$1.2bn 🗲	
				Excludes trontinema	b (Alzheimer's) 🚽	

Note: the midpoint is used where ranges are shown.

ROYALTY **P**HARMA

1. Potential peak sales for frexalimab, pelacarsen, and seltorexant based on marketer guidance; potential peak sales for olpasiran, deucrictibant, aficamten, TEV-'749 and pelabresib based on analyst research estimates. 2. Expected launch year for frexalimab, pelacarsen, aficamten, and TEV-'749 based on marketer guidance; expected launch year for olpasiran, deucrictibant, seltorexant and pelabresib based on analyst based on analyst research estimates.

Capital allocation strategy to drive shareholder value creation

\$20 billion in projected 2022-2026 capacity to reinvest and return to shareholders

Royalty acquisitions

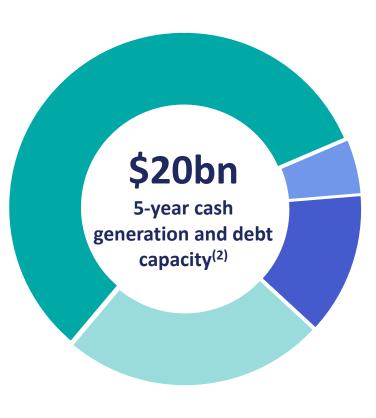
\$10-\$12bn 5-year target⁽¹⁾

- Announced ~\$10.2bn since 2022 (~\$7.3bn in Capital Deployment)
- Robust and active transaction pipeline
- Largely self-funded over time via retained cash flow

Additional Capacity

Royalty investments prioritized

- >\$4bn capacity with conservative leverage
- Committed to investment grade credit rating

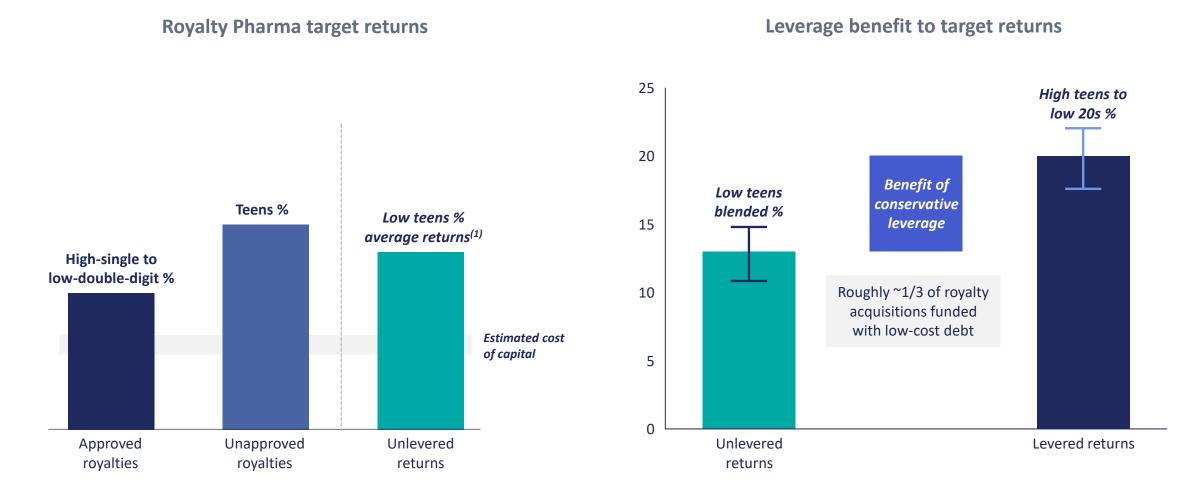




• Commitment to grow dividend by mid-single digit percentage annually

Capital allocation balances our primary focus of acquiring royalties with returning capital to shareholders

Consistently attractive returns amplified by conservative leverage



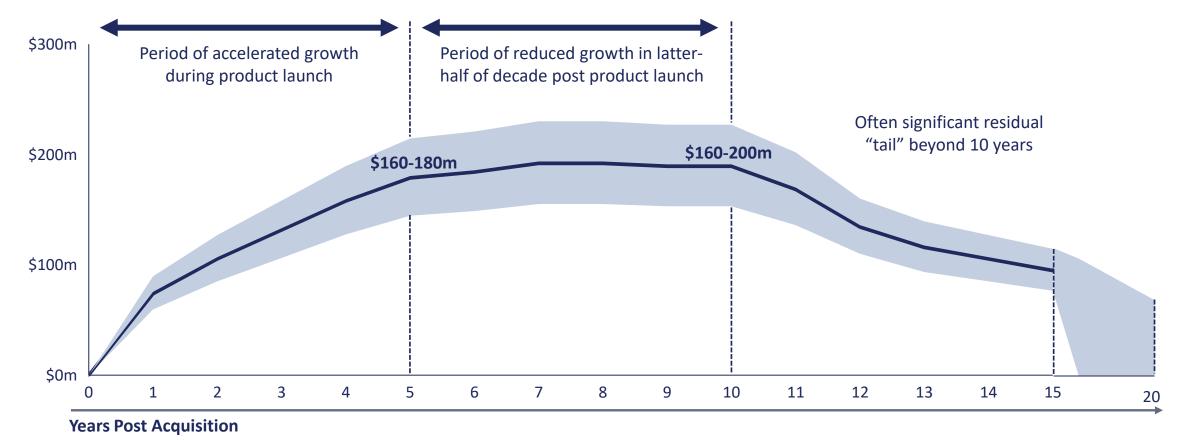
Expect to consistently deliver attractive returns above cost of capital regardless of interest rate environment

ROYALTY PHARMA

1. Illustrative returns reflect a combination of actual results and estimated projected returns for investments from 2012 – 2023 based on analyst consensus sales projections (where applicable). IRR (or returns) are calculated using total cash outflows and total cash inflows, in each case including royalties, milestones and other cash flows.

What does \$1bn of investment mean for future top-line?

Representative annual Portfolio Receipts^(1,2) **("top-line") from \$1bn of investment - based on blend of historical acquisitions** (As of May 2022 Investor Day)



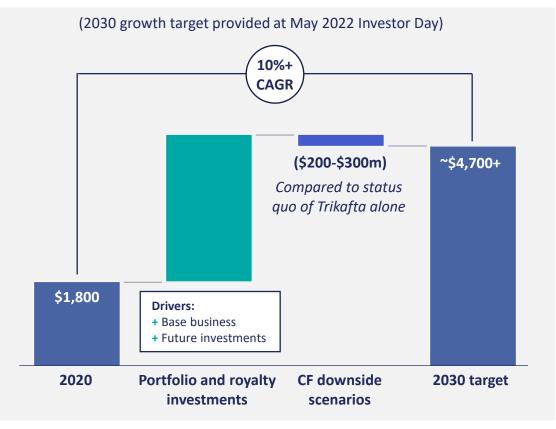
CF to remain important contributor regardless of triple scenario



RCIALTY PHARMA RP: Royalty Pharma; CF: Cystic fibrosis; PR: Portfolio Receipts 1. Vanzacaftor royalty rates based on statements by Vertex 2. Vertex-collated consensus estimates derived from Visible Alpha as of August 2023. 3. PR figures shown are net of estimated distributions to legacy non-controlling interests (NCI). There are no NCI distributions related to the additional royalty interest that we acquired from the CF Foundation in 2020. CF PR in 2030 assumes distributions to NCI of ~(13%) for the status quo scenario, ~(13-14%) for the new CF triple with an ~8% blended royalty rate, and ~(15-17%) for the new CF triple with a ~4% blended royalty rate. For example, PR of ~\$950m would equate to ~\$1,100m of Royalty Receipts and PR of ~\$600m would equate to ~\$700m of Royalty Receipts. 4. Indicates date applicable product when generic competition is expected to enter the market. RP is entitled to royalties on CF products that arose out of the collaboration between Vertex and the Cystic Fibrosis Foundation. Royalties are not tied to patents.

Long-term growth powered by consistent portfolio refreshment

Portfolio Receipts evolution through 2030⁽¹⁾



Continued execution on strategy

Power of business model

• Transactions since 2020 expected to add >\$1.2bn in PR by 2025

Future capital deployment

• Tracking to meet or exceed capital deployment guidance of \$10-\$12 billion from 2022 through 2026

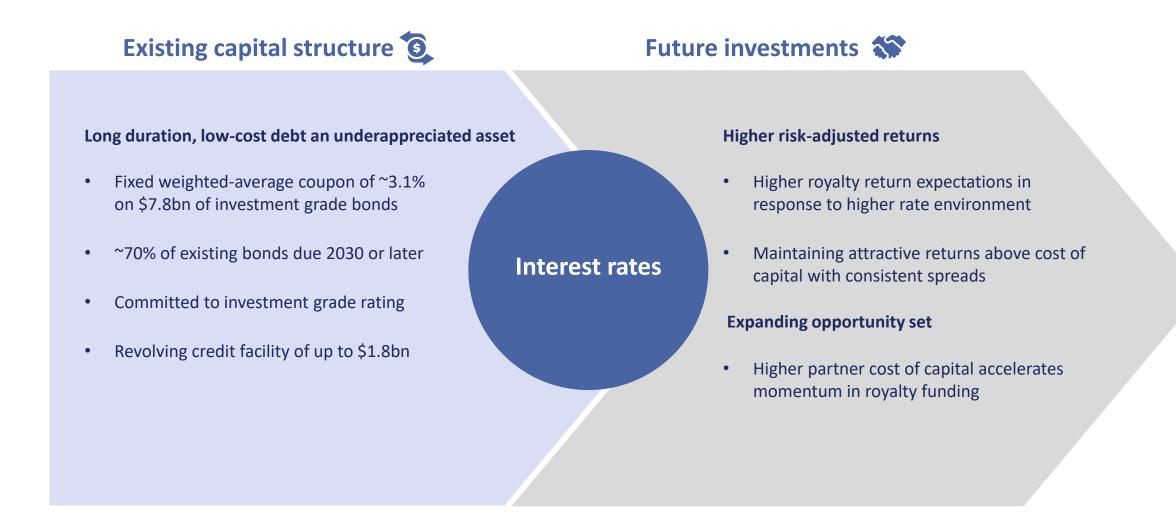
Increased diversification

- The CF franchise will become a smaller portion of the business as we continue to scale
- CF is ~31% of 2023 Royalty Receipts and expected to decline to teens % of 2030 Royalty Receipts

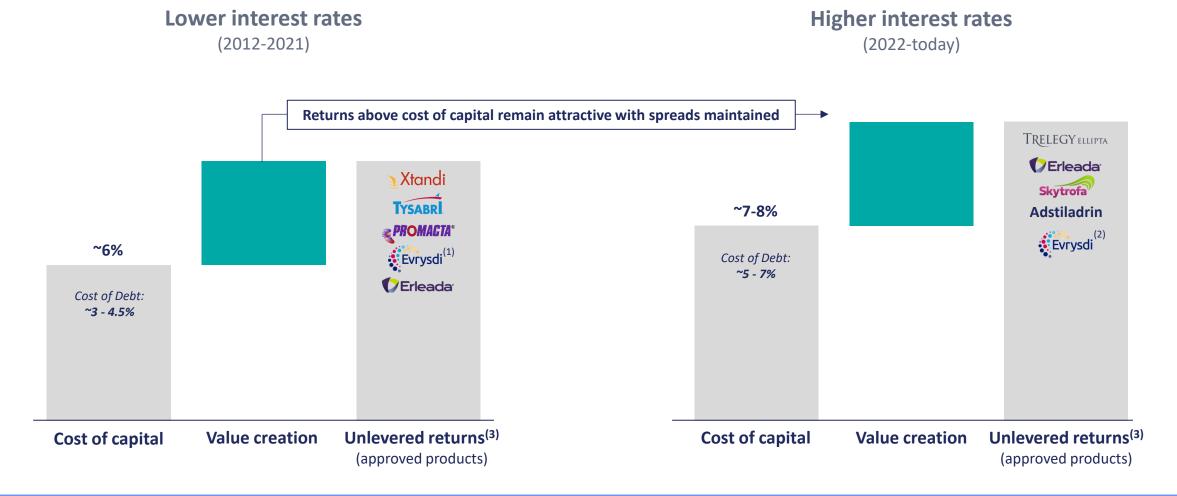
Expect to deliver 10%+ top-line CAGR over the decade under downside CF scenarios

ROYALTY PHARMA CF: Cystic Fibrosis; PR: Portfolio Receipts; "top-line" refers to Royalty Pharma's Portfolio Receipts. 1. Based on Portfolio Receipts growth outlook of 10% or more from 2020 through 2030 provided at May 2022 Investor Day. See slide 68 for factors that may impact our outlook.

Well positioned in evolving interest rate environment



Continuing to create value in changing market environment



Spreads maintained and larger opportunity set equals greater value creation

ROYALTY PHARMA

- 1. Transaction purchasing 43% of PTC's Evrysdi royalty announced July 2020.
 - Transaction purchasing 67% of PTC's remaining Evrysdi royalty announced October 2023.

 Illustrative returns reflect a combination of actual results and estimated projected returns for investments from 2012 – 2023. IRR (or returns) are calculated using total cash outflows and total cash inflows, in each case including royalties, milestones and other cash flows.

Maximizing industry strengths and minimizing challenges

↑ 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

A unique way to invest in biopharma

		ROYALTY PHARMA	Large biopharma ⁽¹⁾
Growth	2020-2030 top-line ⁽²⁾ CAGR	10% or more ⁽²⁾	6% ⁽³⁾
Scale	Number of blockbusters ⁽⁴⁾	15	9
Cost of capital	Estimated WACC	~7-8%	~7-8%
Risk	Stage of development	Post proof-of-concept to approved	Pre-clinical to approved
Return	Historical return on investments ⁽⁵⁾	Consistent low teens IRR	?
Income	Dividend yield	~3%	~3%
Ownership	Management % ownership of FDSO	16% ⁽⁶⁾	<1% ⁽⁶⁾
	CAGR: compound annual growth rate; WACC: weighted average cost of capita 1. Consists of the average of Eli Lilly, Johnson & Johnson, Merck, Pfizer, Abt AstraZeneca.	Vie, Bristol Myers Squibb, Gilead, Amgen, Biogen, Vertex	, Regeneron, Roche, Novartis, GSK, Sanofi, Novo Nordisk and

2. Top-line refers to Royalty Pharma's Portfolio Receipts and includes future investments. Royalty Pharma growth target provided at May 2022 Investor Day. See slide 68 for definitions.

3. Source: Visible Alpha.

4. Calculated based on 2023 end market sales and excludes products tied to recently expired royalties.

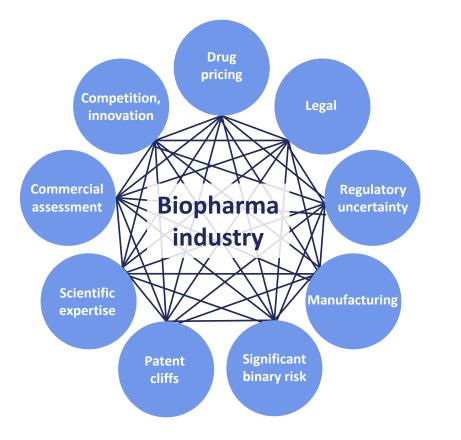
ROYALTY PHARMA

5. Historical return on investments for Royalty Pharma is from 2012 to 2023; IRR (or returns) are calculated using total cash outflows and total cash inflows, in each case including royalties, milestones and other cash flows. Biopharma returns on investments in business development, M&A and R&D.

6. Represents Named Executive Officer (NEO) ownership reported by CapIQ for Large biopharma; Royalty Pharma NEO ownership as disclosed in 2024 proxy filing.

A simple investment proposition in a highly complex industry

Successful biopharma investing is extremely complex



RDYALTY **PHARMA** offers a simple solution



Efficient business of collecting share of topline 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

Appendix

ROYALTY **PHARMA**

Detailed calculation assumptions for CF triple scenarios

Scenarios	Product	Blended royalty ⁽¹⁾	Sales split	2030 franchise sales (As of August 8, 2023)	Royalty Receipts	NCI %	2030 PR from CF ⁽³⁾
Status quo (Trikafta only)	trikafta	~9%	100%	~\$11.5bn ⁽²⁾	~\$1,050m	(13%)	~\$900m
<u>RP position</u> : New CF Triple	Trikafta New CF Triple Total blended	~9% ~8% ~9%	50% 50% ← 100%	\$13bn+	~\$1,100m	(13%)	~\$950m
(deuterated ivacaftor <u>is</u> royalty bearing)	Trikafta New CF Triple Total blended	~9% ~8% ~8%	25% 75% + 100%	\$13bn+	~\$1,050m	(14%)	~\$900m
New CF Triple	Trikafta New CF Triple Total blended	~9% ~4% ~7%	50% 50% 100%	\$13bn+	~\$850m	(15%)	~\$700m
(deuterated ivacaftor <u>not</u> royalty bearing)	Trikafta New CF Triple Total blended	~9% ~4% ~5%	25% 75% 100%	\$13bn+	~\$700m	(17%)	~\$600m
Reflects 50-75% conversion from Trikafta to new triple						Calcul	ations may not tie due to rounding

ROYALTY PHARMA

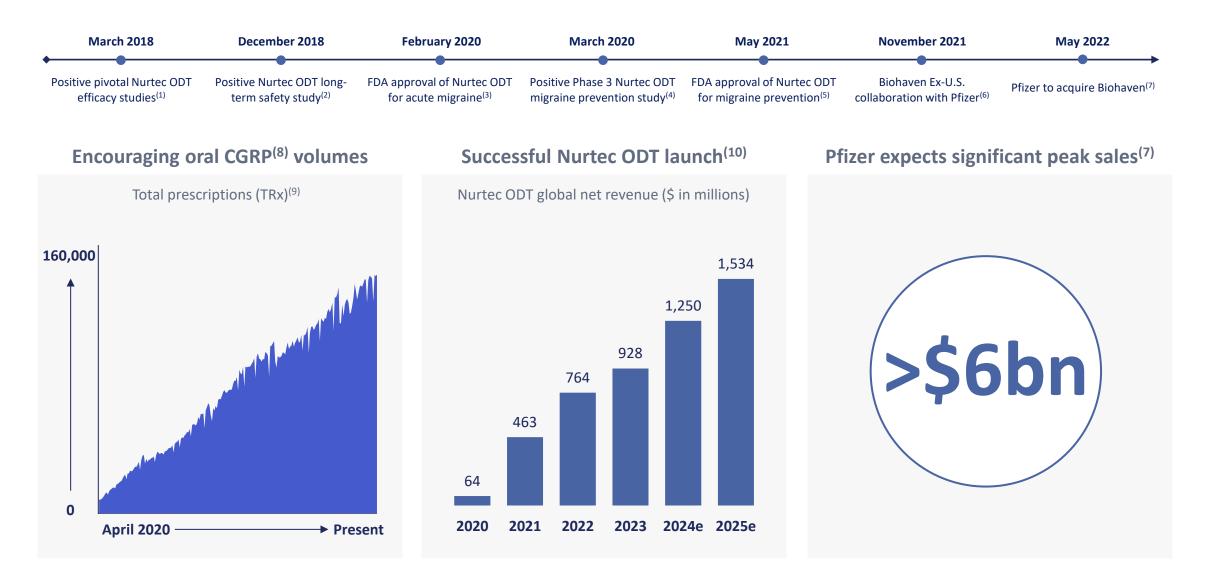
RP: Royalty Pharma; CF: Cystic fibrosis; PR: Portfolio Receipts; NCI: Non-Controlling Interests 1. Vanzacaftor royalty rates based on statements by Vertex 2. Vertex-collated consensus derived from Visible Alpha as of August 2023. 3. For the CF royalty, NCI equates to (17.6%) of Royalty Receipts on annual royalty bearing sales up to \$5.8bn and (8.8%) of the annual royalty bearing sales above \$5.8bn. For products with multiple components, royalty bearing sales are allocated equally to each of the active pharmaceutical ingredients. 4. PR figures shown are net of estimated distributions to legacy non-controlling interests (NCI). Cash Royalty Receipts are received on a one-quarter lag, so 2030 PR reflects Q4 2029 – Q3 2030 reported sales.

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	<pre>\$100m royalty (2.1% royalty on Nurtec ODT and zavegepant sales up to \$1.5bn and 1.5% for sales >\$1.5bn)</pre> \$50m equity investment (at \$45 per share)	\$37m equity investment (at \$37 per share)	\$125m preferred equity (upfront) Up to \$75m preferred equity (on Nurtec ODT FDA approval – optional, not drawn)	\$250m royalty R&D funding (0.4% royalty on Nurtec ODT, up to 3% zavegepant royalty, and potential zavegepant milestones) \$200m launch capital
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



CGRP: calcitonin gene-related peptide

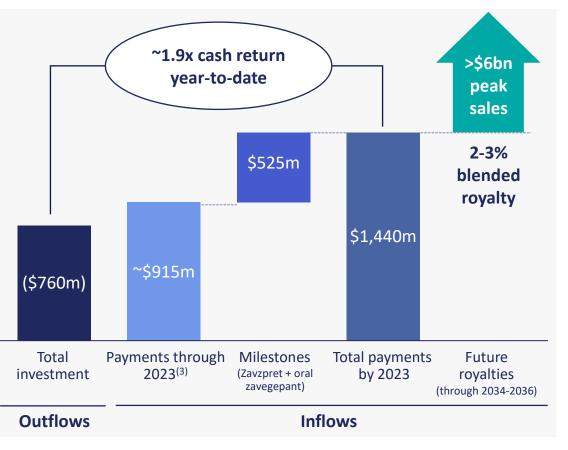
ROYALTY PHARMA

1. Biohaven press release, March 26, 2018. 2. Biohaven press release, December 10, 2018. 3. Biohaven press release, February 27, 2020. 4. Biohaven press release, March 30, 2020. 5. Biohaven press release, May 27, 2021. 6. Biohaven press release, November 9, 2021. 7. Pfizer press release and presentation, May 10, 2022. 8. Oral CGRPs include Ubrelvy, Quilipta and Nurtec ODT. 9. IQVIA SMART: TRx volume to July 2024. 10. Visible Alpha consensus as of November 2024.

Biohaven acquisition accelerates Royalty Pharma returns

- Pfizer, a strong global marketer, is positioned to maximize the potential of Nurtec ODT and Zavzpret
 - Doubling number of sales representatives detailing Nurtec
- Acquisition⁽¹⁾ accelerated Royalty Pharma's returns on common and preferred equity
- No impact on Royalty Pharma's royalty terms, which will provide long-duration cash flows
- Received \$525m of milestones in 2023 related to Zavzpret and oral zavegepant⁽²⁾

Strong returns for Royalty Pharma shareholders



~1.9x cash return through 2023 with further upside from continuing royalties

ROYALTY PHARMA 1. Acquisition of Biohaven by Pfizer closed in October 2022. 2. Royalty Pharma received a \$475m milestone related to Zavzpret approval in Q1 2023 and a \$50m milestone related to oral zavegepant in Q4 2023. 3. Total inflows consist of common equity, preferred equity and estimated royalties received from Nurtec ODT through 2023.

Potential royalties on >40 projects in late-stage development

	Phas	se 2		Registration		
ion	CK-586 Heart failure	trontinemab Alzheimer's disease	omecamtiv mecarbil Heart failure	pelacarsen Cardiovascular disease	olpasiran Cardiovascular disease	Vanzacaftor/tezacaftor/deutivacaftor Cystic fibrosis
ndicati		tulmimetostat (CPI-0209) Blood cancer, solid tumors	pelabresib Myelofibrosis	ampreloxetine Symptomatic nOH in MSA	seltorexant MDD w/insomnia symptoms	aficamten oHCM
nitial i			deucrictibant (IR) Hereditary angioedema	ecopipam Tourette Syndrome	TEV-'749 Schizophrenia	
-					frexalimab Multiple sclerosis	
ation	Trodelvy Lung, HNSCC and endometrial	Trodelvy (+ combinations) 1L mUC	Trodelvy 1L TNBC (PD-L1-)	Niktimvo (+ steroids) 1L cGvHD	Cobenfy Schizophrenia (adjunctive)	Tremfya Crohn's disease

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indication	Trodelvy Lung, HNSCC and endometrial	Trodelvy (+ combinations) 1L mUC	Trodelvy 1L TNBC (PD-L1-)	Niktimvo (+ steroids) 1L cGvHD	Cobenfy Schizophrenia (adjunctive)	Tremfya Crohn's disease
	Niktimvo (+ Jakafi) 1L cGvHD	Trodelvy (+ pembrolizumab) ⁽¹⁾ 1L mNSCLC	Trodelvy (+ pembrolizumab) Adjuvant TNBC	Trodelvy (+ pembrolizumab) 1L mTNBC (PD-L1+)	Cobenfy Psychosis in Alzheimer's disease	Cabometyx Advanced NET
Additiona	Niktimvo Idiopathic pulmonary fibrosis	frexalimab Systemic lupus erythematosus	Trodelvy HR+/HER2- chemo-naïve mBC	Trodelvy (+ pembrolizumab) ⁽²⁾ 1L mNSCLC	Tremfya PsA Structural Damage	Skytrofa Adult GHD
Add	Skytrofa Turner syndrome	frexalimab Type 1 diabetes	Trodelvy 2L+ mEC	Cabometyx (+ Tecentriq) mCRPC	Spinraza (higher dose) Spinal Muscular Atrophy	
		frexalimab FSGS or MCD	Tazverik (+ Revlimid, Rituxan) 2L Follicular lymphoma	Erleada High risk prostate cancer ⁽³⁾	deucrictibant (XR) Hereditary angioedema	
	_			Erleada Localized prostate cancer ⁽⁴⁾	aficamten nHCM	

Rare disease Immunology

Neuroscience

Cardio-Metabolic

Cancer



HNSCC: head and neck squamous cell carcinoma; cGvHD: chronic graft versus host disease; mUC: metastatic urothelial carcinoma; mNSCLC: metastatic non-small-cell lung carcinoma; FSGS: focal segmental glomerulosclerosis; MCD: minimal change disease; IR: immediate release; TNBC: triple negative breast cancer; mBC: metastatic breast cancer; mEC: metastatic endometrial cancer; nOH: neurogenic orthostatic **ROYALTY PHARMA** hypotension; MSA: multiple system atrophy; mTNBC: metastatic triple negative breast cancer; mCRPC: metastatic castration-resistant prostate cancer; MDD: major depressive disorder; PsA: psoriatic arthritis; XR: extended release; nHCM: non-obstructive hypertrophic cardiomyopathy; oHCM: obstructive hypertrophic cardiomyopathy; NET: neuroendocrine tumors; GHD: growth hormone deficiency. 1. EVOKE-02. 2. EVOKE-03. 3. High risk localized advanced prostate cancer prior to radical prostatectomy. 4. High risk localized advanced prostate cancer receiving primary radiation therapy.

Updates to non-GAAP measures

Previous		New	Comments
Adjusted Cash Receipts (Non-GAAP)		Portfolio Receipts	Calculation of Portfolio Receipts will result in the same total as under previous presentation of Adjusted Cash Receipts Individual royalties to be reported net of legacy non-controlling interests to facilitate increased transparency of individual royalty economics
Adjusted EBITDA (Non-GAAP)		Adjusted EBITDA (Non-GAAP)	No change Liquidity measure
Adjusted Cash Flow (Non-GAAP)		Portfolio Cash Flow (Non-GAAP)	Liquidity measure Measure of cash that can be redeployed into value-enhancing royalty acquisitions, to pay down debt and for return of capital to shareholders Primary difference from Adjusted Cash Flow is exclusion of Development-stage funding payments - upfront and milestone
N/A		Capital Deployment	Capital Deployment was previously included in various line items on the statement of cash flows New presentation aggregates all Capital Deployment (except purchases of equity securities and marketable securities) into one metric Components of Capital Deployment detailed in separate table

ROYALTY PHARMA

Royalty Pharma Liquidity Summary

\$ in millions	FY 2023	FY 2022	FY 2021	FY 2020	FY 2019 (PF) ⁽¹⁾
Portfolio Receipts	3,049	2,789	2,129	1,800	1,776
Payments for operating and professional costs	(243)	(223)	(185)	(180)	(145)
Adjusted EBITDA (non-GAAP)	2,806	2,566	1,944	1,621	1,631
Interest (paid)/received, net	(98)	(145)	(143)	(131)	(250)
Portfolio Cash Flow (non-GAAP)	2,708	2,421	1,801	1,490	1,381

Amounts may not add due to rounding.



1. The 2019 results are calculated on a pro forma basis, which adjusts certain cash flow line items as if our Reorganization Transactions (as described in our final prospectus filed with the SEC on June ROYALTY PHARMA 17, 2020) and our initial public offering had taken place on January 1, 2019. The most significant difference between the pro forma and reported figures is the non-controlling interest attributable to legacy investors that resulted from the Reorganization Transactions.

Royalty Pharma GAAP to non-GAAP reconciliations

\$ in millions	FY 2023	FY 2022	FY 2021	FY 2020	FY 2019 (PF) ⁽¹⁾
Net cash provided by operating activities (GAAP)	2,988	2,144	2,018	2,035	1,673
Adjustments:					
Proceeds from available for sales debt securities	1	542	63	3	150
Distributions from equity method investees	44	-	1	15	-
Interest paid/(received), net	98	145	143	131	250
Derivative collateral posted/(received), net	-	-	-	(45)	-
Development-stage funding payments – ongoing	2	2	7	20	83
Development-stage funding payments – upfront and milestones	50	175	193	6	-
Distributions to legacy non-controlling interests – Portfolio Receipts	(377)	(442)	(480)	(544)	(525)
Adjusted EBITDA (non-GAAP)	2,806	2,566	1,944	1,621	1,631
Interest (paid)/received, net	(98)	(145)	(143)	(131)	(250)
Portfolio Cash Flow (non-GAAP)	2,708	2,421	1,801	1,490	1,381

Amounts may not add due to rounding.

ROYALTY PHARMA 1. The 2019 results are calculated on a pro forma basis, which adjusts certain cash flow line items as if our Reorganization Transactions (as described in our final prospectus filed with the SEC on June 17, 2020) and our initial public offering had taken place on January 1, 2019. The most significant difference between the pro forma and reported figures is the non-controlling interest attributable to legacy investors that resulted from the Reorganization Transactions.

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) Portfolio Receipts is a key performance metric that represents our ability to generate cash from our portfolio investments, the primary source of capital that we can deploy to make new portfolio investments. Portfolio Receipts is defined as the sum of Royalty Receipts and milestones and other contractual receipts. Royalty Receipts include variable payments based on sales of products, net of contractual payments to the legacy non-controlling interests, that is attributed to Royalty Pharma. Milestones and other contractual receipts include sales-based or regulatory milestone payments and other fixed contractual receipts, net of contractual payments to the legacy non-controlling interests, that is attributed to Royalty Pharma. Portfolio Receipts does not include proceeds from equity securities or marketable securities, both of which are not central to our fundamental business strategy. Portfolio Receipts is calculated as the sum of the following line items from our GAAP consolidated statements of cash flows: *Cash collections from financial royalty assets, Cash collections from intangible royalty assets, Other royalty cash collections, Proceeds from available for sale debt securities* and *Distributions from equity method investees* less *Distributions to legacy non-controlling interests Portfolio Receipts*, which represent contractual distributions of Royalty Receipts and milestones and other contractual receipts to the Legacy Investors Partnerships and RPSFT.
- (3) Adjusted EBITDA is important to lenders and is defined under the credit agreement as Portfolio Receipts less payments for operating and professional costs. Operating and professional costs from the statements of cash flows. See GAAP to Non-GAAP reconciliation in the Company's current report on Form 8-K dated August 8, 2024. See the Company's Annual Report on Form 10-K filed with SEC on February 15, 2024 for additional discussion on defined term.
- (4) Portfolio Cash Flow is defined under the revolving credit agreement as Adjusted EBITDA minus interest paid or received, net. See GAAP to Non-GAAP reconciliation in the Company's Current Report on Form 8-K dated August 8, 2024. See the Company's Annual Report on Form 10-K filed with SEC on February 15, 2024 for additional discussion on defined term.
- (5) Capital Deployment represents the total outflows that will drive future Portfolio Receipts and reflects cash paid at the acquisition date and any subsequent associated contractual payments reflected in the period in which cash was paid. Capital Deployment is calculated as the summation of the following line items from our GAAP consolidated statements of cash flows: Investments in equity method investees, Purchases of available for sale debt securities, Acquisitions of financial royalty assets, Acquisitions of other financial assets, Milestone payments, Development-stage funding payments - ongoing, Development-stage funding payments - upfront and milestone less Contributions from legacy non-controlling interests - R&D.

Long-term Outlook footnote

(1) 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. 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.

ROYALTY PHARMA