ROYALTY PHARMA



Cowen Health Care Conference

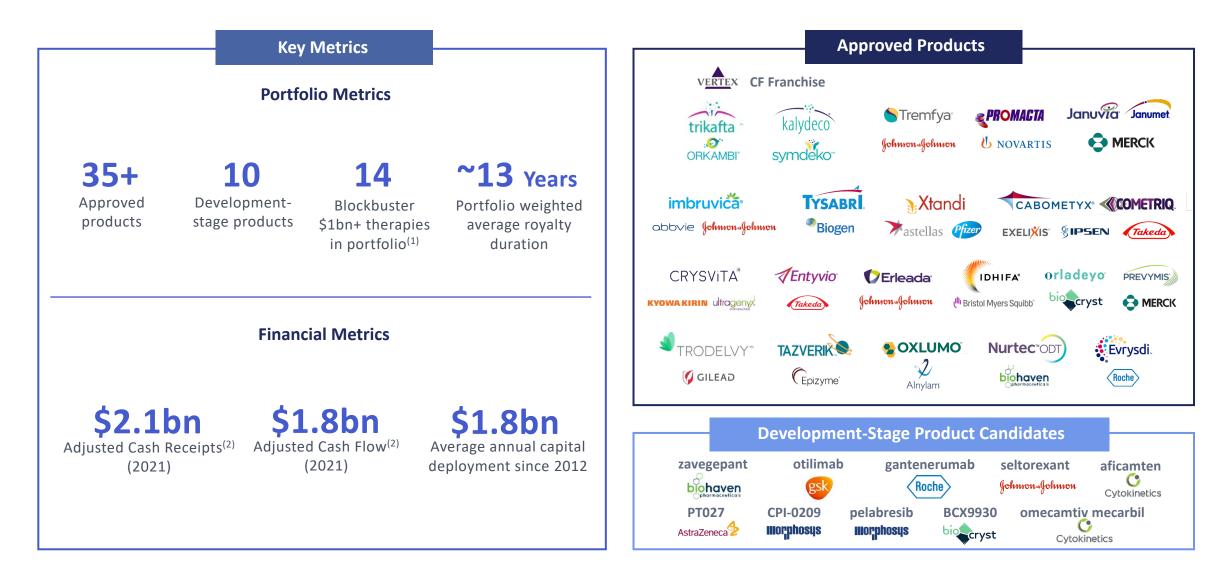
March 8, 2022

Forward Looking Statements & Non-GAAP Financial Information

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Also, the discussions during 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 11 and in the Company's earnings release furnished with its current report on Form 8-K dated February 15, 2022, which are available on the Company's website. 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.

A leading royalty portfolio positioned for compounding growth



Track record of impressive growth since June 2020 IPO

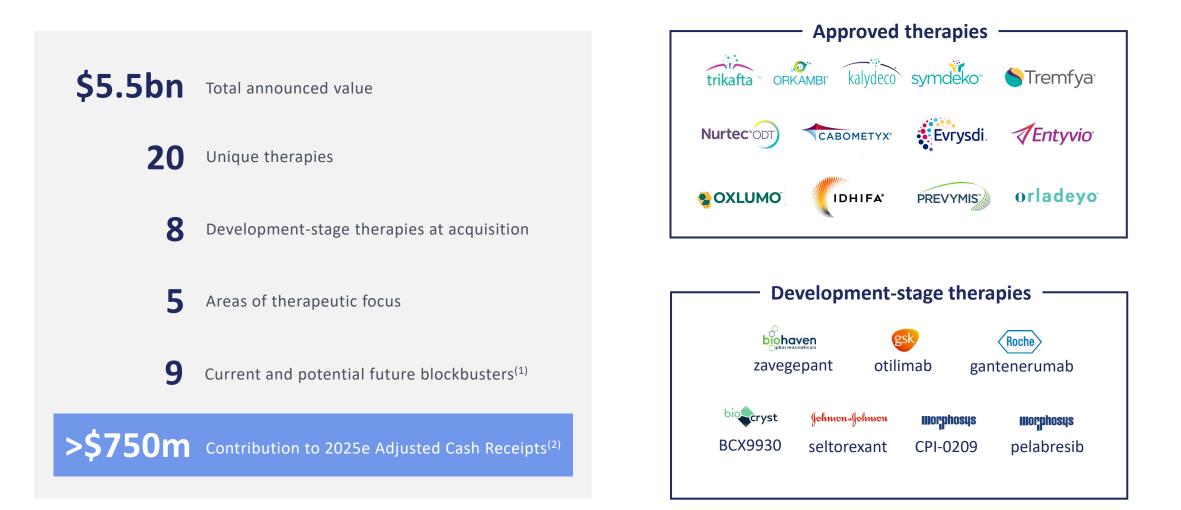
Adjusted Cash Receipts⁽¹⁾ (\$ in millions, year/year growth) Adjusted Cash Flow⁽¹⁾ (\$ in millions, year/year growth)





Enhancing long-term growth with transformative therapies

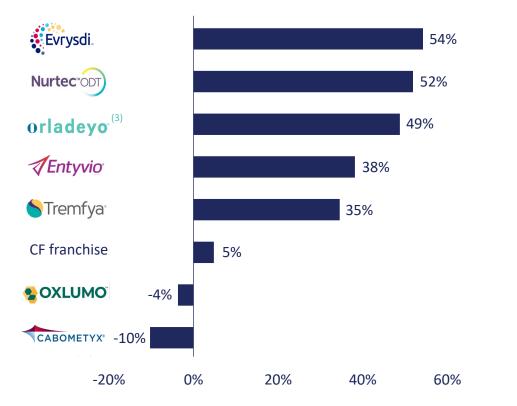
Transactions announced in 2020 and 2021



ROYALTY PHARMA (1) Based on Visible Alpha consensus sales forecasts through 2030 for the underlying products. (2) Based on Visible Alpha consensus sales forecasts; primarily includes contribution from approved therapies and other fixed payments.

Impressive early performance of recent transactions⁽¹⁾

Current approved therapies



Percent change in 2025 consensus sales⁽²⁾ since acquisition

Development-stage therapies

Therapy	Marketer Key upcoming events		
zavegepant	Biohaven	Oral Phase 3 results in Q4 2022 ⁽⁴⁾	
BCX9930	BioCryst Pivotal studies ongoing		
seltorexant	Johnson & Johnson	Phase 3 results in H2 2022 ⁽⁴⁾	
gantenerumab	Roche	Phase 3 results in Q4 2022 ⁽⁵⁾	
otilimab	GlaxoSmithKline	Phase 3 results in H2 2022 ⁽⁶⁾	
CPI-0209	MorphoSys	Phase 1 / 2 PoC data in H1 2022 ⁽⁷⁾	
pelabresib	MorphoSys	Phase 3 primary analysis in H1 2024 ⁽⁷⁾	

PoC: Proof of Concept

(1) Recent transactions includes 2020 and 2021 transactions.

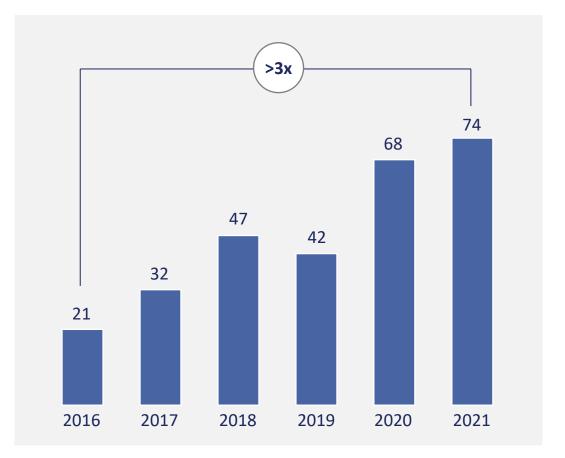
(2) Consensus sales sourced from Visible Alpha as of March 2022 and includes therapies with consensus available at the time of the deal and now.

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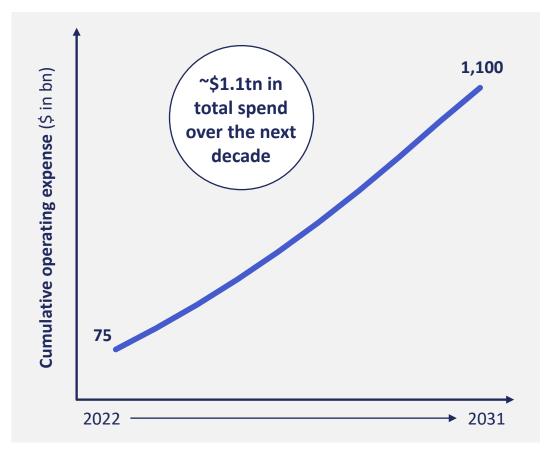
(3) Change in Orladeyo consensus sales is from date of initial BioCryst transaction (December 7, 2020).
(4) www.clinicaltrials.gov. (5) Roche Full-Year 2021 Results, February 3, 2022. (6) GlaxoSmithKline Q4 2021 financial results, February 9, 2022. (7) MorphoSys Q3 presentation, November 11, 2021.

Company formation and innovation create massive opportunity

Biotech initial public offerings (IPOs)



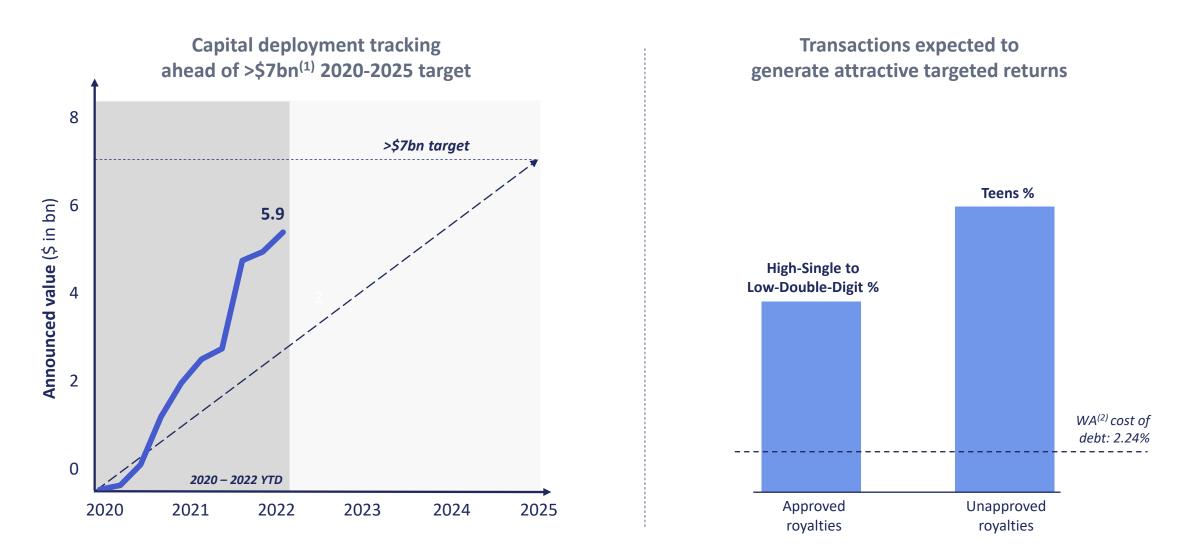
Cumulative spend from today's unprofitable biopharmas





tn: trillion Source: Visible Alpha, Dealogic, internal estimates. Biotech IPOs exclude deals <\$50 million.

Power of business model expected to drive compounding growth



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Reflects announced value of 2020 and 2021 transactions. 2020 to 2025 outlook for capital deployment provided on February 17, 2021. Royalty Pharma may amend its long-term outlook in the event it engages in new royalty transactions. See information on page 3 "Forward Looking Statements & Non-GAAP Financial Information", for factors that may impact the long-term outlook.
 WA: weighted average

Differentiated exposure to the best attributes of biopharma



Leader in biopharma royalty funding

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Competitive moat	Expanding market	Diversification	Efficient model	Compounding growth
Significant and sustainable competitive advantages	Underpenetrated and rapidly growing market for biopharma funding	Portfolio of 35+ approved and 10 development-stage products with 13 year WA duration	>80% of ACR (top-line) ⁽¹⁾ converted to cash to be reinvested or returned to shareholders	2021 ACR (top-line) ⁽¹⁾ growth of ~18% with strong growth outlook

Save the date: Investor Day scheduled for May 17, 2022

Footnotes

- 1) To aid in comparability, figures for each fiscal quarter in 2019 are presented on an unaudited pro forma basis, 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 interest that resulted from the Reorganization Transactions. A new contractual non-controlling interest 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 the Royalty Receipts line 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 Statement of Cash Flows and includes (1) royalty receipts: (i) cash collections from royalty assets (financial assets and intangible assets), (ii) other royalty cash collections, (iii) distributions from non-consolidated affiliates, plus (2) proceeds from available for sale debt securities, and less (3) distributions to non-controlling interest, which represents distributions to our historical non-controlling interest attributable to a de minimis interest in Royalty Pharma Collection Trust held by certain legacy investors and to a new non-controlling interest that was created as a result of the Exchange Offer Transactions in February 2020 related to the Legacy Investors Partnerships' ownership of approximately 18% in Old RPI. See the Company's Annual Report on Form 10-K filed with the SEC on February 15, 2022 for additional discussion. See GAAP to Non-GAAP reconciliation in the Company's current report on Form 8-K dated February 15, 2022.
- Adjusted Cash Flow is calculated as Adjusted Cash Receipts less (1) payments for operating and professional costs, (2) ongoing development-stage funding payments, (3) interest paid, net,
 (4) swap collateral (posted) or received, net, (5) swap termination payments, and (6) investment in non-consolidated affiliates, and plus (1) contributions from non-controlling interest- R&D, all directly reconcilable to the Statement of Cash Flows.

Financial Guidance footnote

4) Royalty Pharma has not reconciled its non-GAAP 2021 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 non-consolidated affiliates, 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.