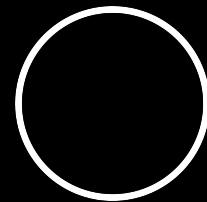


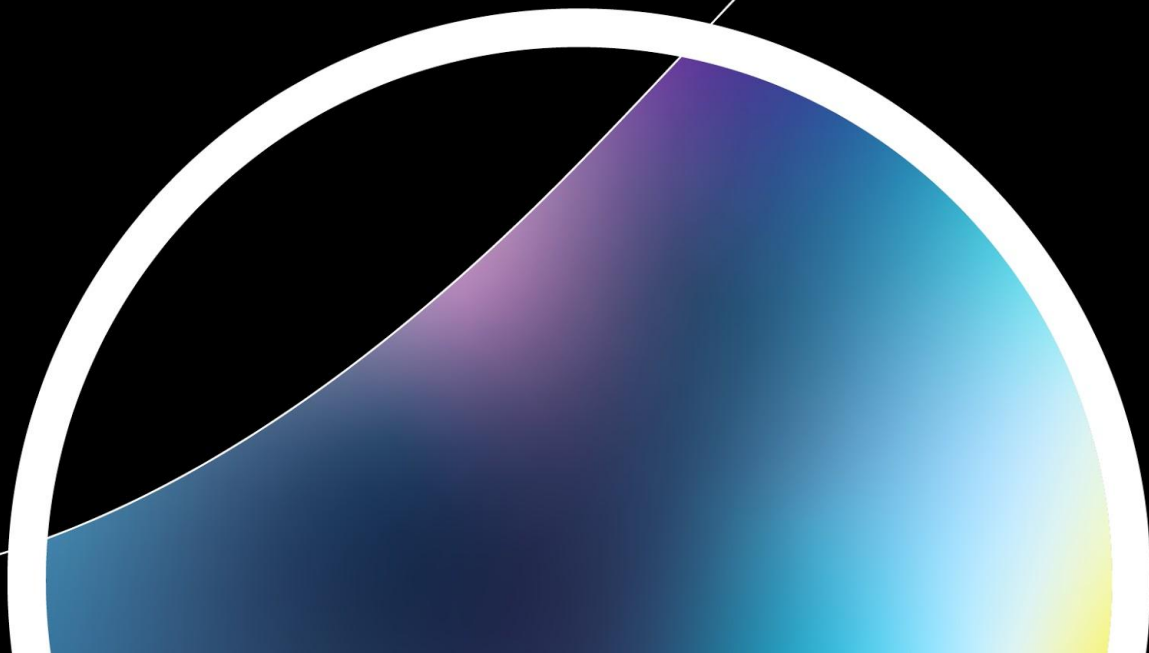
# Valo Overview

Company Overview

2Q21



Valo



# Disclaimer

Disclaimer. This presentation ("Presentation ") is for informational purposes only to assist interested parties in making their own evaluation with respect to the proposed business combination (the "Business Combination") between Khosla Ventures Acquisition Co. ("Khosla") and Valo Health, LLC ("Valo" or the "Company") and for no other purpose. The information contained herein does not purport to be all inclusive and neither of Khosla, Valo, nor any of their respective affiliates nor any of its or their control persons, officers, directors, employees or representatives makes any representation or warranty, express or implied, as to the accuracy, completeness or reliability of the information contained in this Presentation. You should consult your own counsel and tax and financial advisors as to legal and related matters concerning the matters described herein, and, by accepting this Presentation, you confirm that you are not relying upon the information contained herein to make any decision.

Forward Looking Statements. Certain statements in this Presentation may be considered forward looking statements. Forward looking statements generally relate to future events or Khosla's or the Company's future financial or operating performance. For example, statements concerning the following include forward looking statements: development plans for Valo's platform; the size and growth of markets for Valo's platform; the Company's expectations regarding the adoption of the Opal platform in the biotechnology, pharmaceutical and other industries; and the potential effects of the Business Combination on the Company. In some cases, you can identify forward looking statements by terminology such as "may", "should", "expect", "intend", "will", "estimate", "anticipate", "believe", "predict", "potential" or "continue", or the negatives of these terms or variations of them or similar terminology. Such forward looking statements are subject to risks, uncertainties, and other factors which could cause actual results to differ materially from those expressed or implied by such forward looking statements. These forward looking statements are based upon estimates and assumptions that, while considered reasonable by Khosla and its management, and Valo and its management, as the case may be, are inherently uncertain. New risks and uncertainties may emerge from time to time, and it is not possible to predict all risks and uncertainties. Factors that may cause actual results to differ materially from current expectations include, but are not limited to, various factors beyond management's control including the inability of the parties to successfully or timely consummate the proposed business combination, or the expected benefits of the proposed business combination or that the approval of the stockholders of Khosla is not obtained; (iii) the ability to maintain the listing of the combined company's securities on the Nasdaq Capital Market; (iv) the inability to complete the PIPE; (v) the risk that the proposed business combination disrupts current plans and operations of Valo as a result of the announcement and consummation of the transaction described herein; the risk that any of the conditions to closing are not satisfied in the anticipated manner or on the anticipated timeline; the failure to realize the anticipated benefits of the proposed business combination; risks relating to the uncertainty of the projected financial information with respect to Valo and costs related to the proposed business combination; the outcome of any legal proceedings that may be instituted against the parties following the announcement of the proposed business combination; the amount of redemption requests made by Khosla's public stockholders; the effects of the COVID 19 pandemic, general economic conditions; and other risks, uncertainties and factors set forth in the section entitled "Risk Factors" and "Cautionary Note Regarding Forward Looking Statements" in Khosla's final prospectus relating to its initial public offering, dated March 3, 2021, and other filings with the Securities and Exchange Commission ("SEC"), as well as factors associated with companies, such as the Company, that are engaged in drug discovery and development. Nothing in this Presentation should be regarded as a representation by any person that the forward looking statements set forth herein will be achieved or that any of the contemplated results of such forward looking statements will be achieved. You should not place undue reliance on forward looking statements in this Presentation, which speak only as of the date they are made and are qualified in their entirety by reference to the cautionary statements herein. Neither Khosla nor the Company undertakes any duty to update these forward looking statements.

Additional Information. In connection with the proposed Business Combination, Khosla intends to file with the SEC a registration statement on Form S 4 containing a preliminary proxy statement/prospectus of Khosla, and after the registration statement is declared effective, Khosla will mail a definitive proxy statement/prospectus relating to the proposed Business Combination to its shareholders. This Presentation does not contain all the information that should be considered concerning the proposed Business Combination and is not intended to form the basis of any investment decision or any other decision in respect of the Business Combination. Khosla 's shareholders and other interested persons are advised to read, when available, the preliminary proxy statement/prospectus and the amendments thereto and the definitive proxy statement/prospectus and other documents filed in connection with the proposed Business Combination, as these materials will contain important information about Valo, Khosla and the Business Combination. When available, the definitive proxy statement/prospectus and other relevant materials for the proposed Business Combination will be mailed to shareholders of Khosla as of a record date to be established for voting on the proposed Business Combination. Shareholders will also be able to obtain copies of the preliminary proxy statement/prospectus, the definitive proxy statement/prospectus and other documents filed with the SEC, without charge, once available, at the SEC's website at [www.sec.gov](http://www.sec.gov), or by directing a request to: Khosla Ventures Acquisition Co. , 2128 Sand Hill Road, Menlo Park, CA 94025.

# Disclaimer (con't)

Participants in the Solicitation. Khosla, Valo and their respective directors and executive officers may be deemed participants in the solicitation of proxies from Khosla's shareholders with respect to the proposed Business Combination. A list of the names of Khosla's directors and executive officers and a description of their interests in Khosla is contained in Khosla's final prospectus relating to its initial public offering, dated March 3, 2021, which was filed with the SEC and is available free of charge at the SEC's web site at [www.sec.gov](http://www.sec.gov), or by directing a request to Khosla Ventures Acquisition Co., 2128 Sand Hill Road, Menlo Park, CA 94025. Additional information regarding the interests of the participants in the solicitation of proxies from Khosla's shareholders with respect to the proposed Business Combination will be contained in the proxy statement/prospectus for the proposed Business Combination when available.

No Offer or Solicitation. This communication is for informational purposes only and does not constitute, or form a part of, an offer to sell or the solicitation of an offer to sell or an offer to buy or the solicitation of an offer to buy any securities, and there shall be no sale of securities, in any jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such jurisdiction. No offer of securities shall be made except by means of a prospectus meeting the requirements of Section 10 of the Securities Act of 1933, as amended, and otherwise in accordance with applicable law.

Certain information contained in this Presentation relates to or is based on publications, surveys and the Company's own internal estimates and research. In addition, all of the market data included in this Presentation involves a number of assumptions and limitations, and there can be no guarantee as to the accuracy or reliability of such assumptions. Finally, while the Company believes its internal research is reliable, such research has not been verified by any independent source. This meeting and any information communicated at this meeting are strictly confidential and should not be discussed outside your organization.

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Valo and Opal are trademarks of Valo Health, LLC. All other trademarks and registered trademarks are property of their respective owners. This document contains the trademarks and service marks of third parties and such trademarks and service marks are the property of their respective owners. These marks may be registered and/or used in the U.S. and other countries around the world.

Financial Information. The financial information and data contained in this presentation is unaudited and certain financial information and data does not conform to Regulation S-X. Accordingly, such information and data may not be included in, may be adjusted in or may be presented differently in, any proxy statement / prospectus or registration statement to be filed by Khosla with the SEC in connection with the proposed transaction. The "pro forma" financial data included herein has not been prepared in accordance with Article 11 of the SEC's Regulation S-X, is presented for informational purposes only and may differ materially from the Regulation S-X compliant unaudited pro forma financial statements of Valo to be included in Khosla's proxy statement / prospectus in connection with the proposed Business Combination (when available). In addition, all of Valo's historical financial information included herein is subject to change in accordance with PCAOB auditing standards.

# Risk Factors

The below list of risk factors has been prepared as part of the Business Combination. The risks presented below are a subset of the general risks related to the business of Valo and the proposed Business Combination, and such list is not exhaustive. The list below has been prepared solely for purposes of the private placement transaction, and solely for potential private placement investors, and not for any other purpose. The list below is qualified in its entirety by disclosures contained in future documents filed or furnished by Khosla with the SEC, and you should carefully consider these risks and uncertainties, together with the information in Valo's consolidated financial statements and related notes. If Valo cannot address any of the following risks and uncertainties effectively, or any other risks and difficulties that may arise in the future, its business, financial condition and results of operations could be materially and adversely affected. The risks described below are not the only risks that Valo faces. Additional risks that Valo currently does not know about or that it currently believes to be immaterial may also impair its business, financial condition or results of operations. You should review this investor presentation and perform your own due diligence and consult with your own financial and legal advisors prior to making an investment in Khosla and Valo. Risks relating to the business of Valo will be disclosed in future documents filed or furnished by Valo and/or Khosla with the SEC, including the documents filed or furnished in connection with the proposed transactions between Valo and Khosla. The risks presented in such filings will be consistent with those that would be required for a public company in its SEC filings, including with respect to the business and securities of Valo and Khosla and the proposed transactions between Valo and Khosla, and may differ significantly from, and be more extensive than, those presented below.

## Risks Related to Valo's Business

- Valo has a history of substantial net operating losses and expects that it will continue to incur losses for the foreseeable future.
- Valo has not generated any revenue since inception, which, together with its limited operating history and rapid growth, makes evaluating Valo's current business and prospects difficult and may increase the risk of your investment.
- Valo may incur significant costs relating to financing future acquisitions or licensing transactions. If Valo is unable to raise capital when needed or on attractive terms, Valo would be unable to consummate such transactions, forced to delay, scale back or discontinue some of its product candidate development programs or future commercialization efforts.
- Valo has not conducted any clinicals trial to date. Valo's product candidates will require preclinical and clinical development, which are lengthy and expensive processes with uncertain outcomes and the potential for substantial delays. Valo cannot give any assurance that any of its product candidates will be successful in clinical trials or receive regulatory approval, which approval is necessary before such product candidates can be commercialized.
- Although Valo believes that its Opal platform has the potential to identify more promising molecules than traditional methods and to accelerate drug discovery and development, Valo's focus on using its platform technology to discover and design molecules with therapeutic potential may not result in the discovery and development of commercially viable products for Valo or its collaborators.
- Valo has invested, and expects to continue to invest, in research and development efforts that further enhance the Opal platform and advance drug candidates. Such investments in technology, data and therapeutic development are inherently risky and may affect Valo's operating results. If the return on these investments is lower or develops more slowly than Valo expects, its revenues and results of operations may suffer.
- If Valo cannot maintain existing partnerships, including its data partnerships, and cannot enter into new partnerships or similar business arrangements, Valo's business could be adversely affected.
- Because Valo has multiple programs and drug candidates in its development pipeline and is pursuing a variety of target indications and treatment modalities, Valo may expend its limited resources to pursue a particular drug candidate and fail to capitalize on opportunities that may be more profitable or for which there is a greater likelihood of success.
- Security breaches, loss of data and other disruptions could compromise sensitive information related to Valo's business or prevent it from accessing critical information and expose it to liability, which could adversely affect Valo's business and reputation.
- The outcome of preclinical development testing and early clinical trials may not be predictive of the success of later clinical trials, and interim results of a clinical trial do not necessarily predict final results.
- Valo's success depends on its ability to protect its intellectual property, including trade secrets.
- Valo will need to expand its organization and it may experience difficulties in managing this growth, which could disrupt its operations.
- The markets in which Valo participates are highly competitive, and if Valo does not compete effectively, including for talent necessary to meet its business goals, its business and operating results could be adversely affected.
- Even if Valo receives regulatory approval for any of its current or future product candidates, there can be no assurance that Valo may be successful due to competition, reimbursement landscape and challenges to adoption of its product candidates in the industry in which Valo operates.
- Valo may be subject to legal proceedings and litigation, including intellectual property and privacy disputes, which are costly to defend and could materially harm Valo's business and results of operations.
- Certain of Valo's estimates of market opportunity and forecasts of market growth could prove to be inaccurate.
- If Valo is unable to attract and retain key employees and hire qualified personnel, its ability to compete and successfully grow its business would be adversely affected.
- Valo may need to raise additional funds and these funds may not be available when needed.
- Changes to applicable U.S. tax laws and regulations or exposure to additional income tax liabilities could affect Valo's business and future profitability.
- Business interruptions resulting from the coronavirus disease (COVID-19) outbreak or similar public health crises could cause a disruption of the development of Valo's product candidates and adversely impact its business.

## Risks Related to the Business Combination

- The consummation of the Business Combination is subject to a number of conditions, including entry into a definitive agreement and plan of merger (the "Merger Agreement"), and if those conditions are not satisfied or waived, the Merger Agreement may be terminated in accordance with its terms and the Business Combination may not be completed.
- There is no guarantee that a Khosla stockholder's decision whether to redeem its shares for a pro rata portion of the trust account will put the stockholder in a better economic position.
- If the Business Combination benefits do not meet the expectation of investors or securities or analysts, the market price of Khosla's securities or, following the consummation of the Business Combination, the combined company's securities may decline.
- Potential legal proceedings in connection with the Business Combination, the outcome of which may be uncertain, could delay or prevent the completion of the Business Combination.
- Following the consummation of the Business Combination, the combined company ("New Valo") will be an "emerging growth company" and it cannot be certain if the required disclosure requirements applicable to emerging growth companies will make the post-combination company's common stock less attractive to investors and may make it more difficult to compare performance with other public companies.
- New Valo will incur significantly increased expenses and administrative burdens as a public company, which could have an adverse effect on its business, financial condition and results of operations.

# Combination of Khosla & Valo Health creates an industry-defining opportunity

## Khosla Ventures (KV): Bold... Early... Impactful

- Early investors in industry-defining companies across multiple verticals
- Investments with \$395B+ in value<sup>1</sup>
- KV has \$14B+ AUM; 15 years+ of exceptional performance; investor alignment

## Focus on long-term performance

- Tiered promote structure rewards success, aligning KV & Valo
- Sponsor will not sell/transfer any shares until the first to occur of 1 years following the acquisition or the achievement of performance targets
- KV supporting SPAC via \$25M Forward Purchase Agreement backstop

## Select KV Investments<sup>1</sup>

**affirm**

\$17B  
market cap

**okta**

\$33B  
market cap

**DOORDASH**

\$48B  
market cap

**oscar**

\$5B  
market cap

**GUARDANT HEALTH**

\$16B  
market cap

**QuantumScape**

\$16B  
market cap<sup>2</sup>

**IMPOSSIBLE™**

\$5B  
valuation<sup>2</sup>

**Square**

\$121B  
market cap

**instacart**

\$39B  
valuation

**stripe**

\$95B  
valuation

## KV Acquisition Company Team



### Vinod Khosla, Founder

Founder & Managing Director at KV  
Former general partner at Kleiner Perkins  
Previously founded and served as CEO of Sun Microsystems



### Samir Kaul, CEO

Founding Partner and Managing Director at KV  
Former partner at Flagship Ventures



### Peter Buckland, CFO

Partner, Managing Director, and COO at KV  
Former partner at WilmerHale LLP

# Pro forma valuation and ownership

## TRANSACTION OVERVIEW

Share price	\$10.00
Pro forma shares outstanding <sup>1</sup>	281.1
Equity value	\$2,810.9
(+) Debt	[0.0]
(-) Pro forma cash	(488.0)
Firm value	\$2,322.9

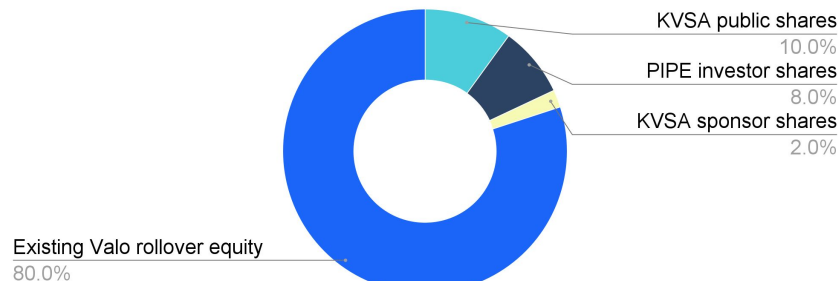
## FOCUS ON LONG-TERM PERFORMANCE

- **Tiered promote structure<sup>3</sup>** rewards success, aligning KV and Valo
- **Sponsor will not sell/transfer any shares** until the first to occur of 1 year following the acquisition or the achievement of performance targets<sup>4</sup>
- KV supporting SPAC via **\$25M Forward Purchase Agreement backstop**
- **Warrant-less SPAC structure**

Source: Company filings and estimates; Amounts are \$mm, except per share price

[1] Assumes no share redemptions and excludes impact of shares subject to price-vesting; Estimated common shares outstanding based on common shares owned by KVSA public shareholders (34.5mm), KVSA Sponsor/Board (6.1mm), PIPE (16.9mm), and legacy Value (225.0mm); [2] Estimated transaction fees and expenses for both SPAC and target including deferred underwriting fees, PIPE fee, financing fees and advisory, legal, accounting, and other fees; [3] At the closing of the Business Combination, all of the outstanding shares of Class B common stock will convert into an aggregate of 6,088,235 shares of the surviving company's Class A common stock; and (b) all of the outstanding shares of Class K common stock will convert into up to an aggregate of 8,697,479 shares of the surviving company's Class A common stock, but only to the extent certain triggering events occur prior to the 10th anniversary of the Business Combination, including three equal triggering events based on the surviving company's stock trading at \$30.00, \$40.00 and \$50.00 per share following the first anniversary of the closing and also upon specified strategic transactions. For additional information, see Khosla's final prospectus relating to its initial public offering (the "Prospectus"). [4] Performance targets are triggered with respect to Class B common shares (x) if the closing price of the surviving company's Class A Common Stock equals or exceeds \$12.00 per share for any 20 trading days within any 30-trading day period commencing at least 150 days after the Business Combination or (y) on the date on which the surviving company completes a liquidation, merger, capital stock exchange, reorganization or other similar transaction after the Business Combination that results in all of the surviving company's stockholders having the right to exchange their shares of common stock for cash, securities or other property. For additional information, see the Prospectus. Class A shares issued upon conversion of any Class K shares will not be subject to restrictions on transfer except as described in the Prospectus.

## ILLUSTRATIVE PRO FORMA OWNERSHIP<sup>1</sup>



## SOURCES

Valo rollover equity	\$2,250.0
Khosla cash held in trust <sup>2</sup>	345.0
PIPE investment	168.5
<b>Total sources</b>	<b>\$2,763.5</b>

## USES

Cash to balance sheet	\$485.5
Equity consideration to existing investors	2,250.0
Estimated transaction expenses <sup>2</sup>	28.0
<b>Total uses</b>	<b>\$2,763.5</b>

# Valo is a technology company built to transform the pharmaceutical industry, led by a deeply experienced team

>100

drug approvals<sup>1</sup>

>1,000

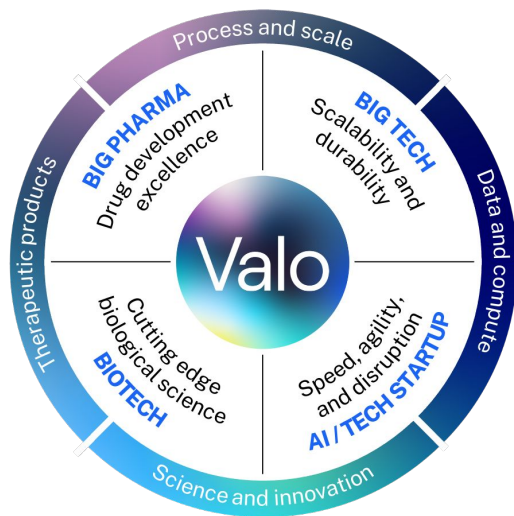
regulatory filings<sup>1</sup>

>1,000

clinical trials<sup>1</sup>

>28,000

AI models deployed<sup>1</sup>



**David Berry, MD, PhD**  
**Founder, CEO**  
Founder Indigo (#1, #3 CNBC Disruptor), MCRB, EVLO, AXLA, TTOO, Omega Tx, etc.; GP Flagship Pioneering



**Brandon Allgood, PhD**  
**Chief AI Officer**  
Co-founder & CTO, Numerate



**Graeme Bell, MBA, FCMA**  
**Chief Financial Officer**  
CFO, Tmunity / Intellia / Anacor  
CFO, Merck U.S.



**Brett Blackman, PhD**  
**Chief Innovation Officer**  
Founder, CSO of HemoShear, Repertoire, and Kintai; Associate Professor of Biomedical Eng, UVA



**Nish Lathia, MBA**  
**Chief Product Officer**  
General Manager for multiple WW businesses, Amazon



**Hilary Malone, PhD**  
**Chief Operating Officer, Pharma**  
Chief Regulatory Officer, Sanofi



**Moni Miyashita, MBA**  
**Chief Strategy Officer**  
Partner, Innosight  
VP, Corporate Development, IBM



**Dan Troy, JD**  
**Chief Legal Officer & General Counsel**  
General Counsel, GSK  
Chief Counsel, FDA



**Cissy Young, PhD**  
**Chief People Officer**  
Managing Director, Russell Reynolds Associates;  
Director, Strategy & BD, Cerulean Pharma

>115 FTEs at the convergence of life sciences and technology<sup>2</sup>

# Valo's Board and investors support the company's vision of transforming the pharmaceutical industry

## BOARD OF DIRECTORS



**Ron Hovsepian**

**Chairman of the Board of Directors**

CEO Indigo Agriculture, Former CEO Novell, Former CEO Intralinks, Chairman of Ansys



**David Berry, MD, PhD**

**Board Director**

Founder Indigo (#1, #3 CNBC Disruptor), MCRB, EVLO, AXLA, TTOO, Omega Tx, etc.; GP Flagship Pioneering



**Brett Chugg, MBA<sup>2</sup>**

**Board Director**

Managing Director, Koch Disruptive Technologies



**Judy Lewent, MBA**

**Board Director**

Former CFO Merck; Non-executive director at Dell, Motorola, GSK, Thermo Fisher



**Shreeram Aradhye, MD**

**Board Director**

Former CMO Novartis Pharmaceuticals



**Paul Biondi, MBA**

**Board Director**

Former Head of Business Development and Strategy, Bristol-Myers Squibb



**David Epstein, MBA**

**Board Director**

Former CEO Novartis Pharmaceuticals



**Harsha Ramalingam, MBA**

**Board Director**

Former CIO, CISO, and Global VP Ecommerce Platform (Built 5th generation ecommerce platform), Amazon



**Adam Smalley, MBA<sup>2</sup>**

**Board Director**

Complementary Portfolio; Office of the CIO; PSP Investments

## INVESTORS<sup>1</sup>





# The pharmaceutical industry is at an inflection point: the scale of human centric data and computation now enables a step change<sup>1</sup>

## PHARMACEUTICAL INDUSTRY TRENDS

Decreasing R&D productivity<sup>3</sup>

Increasing pricing pressures<sup>3</sup>

Point-to-point system<sup>4</sup>

Divergent stakeholders<sup>5</sup>

# \$1.25T

Biopharmaceutical  
worldwide industry  
revenue<sup>2</sup>

## THE VALO OPPORTUNITY

**Data & computation** designed to increase precision, and reduce cost and time

**Scalable, capital efficient platform** designed to provide sustainable value creation

**Unified and integrated** to provide continuous improvement

**Aligned patient, market and development needs**

[1] Steedman, Mark., et al. "Intelligent Biopharma: Forging the Links Across the Vale Chain." Deloitte Insights, Deloitte Center for Health Solutions, (Oct 2019)

[2] Global pharmaceutical industry, Statista (Accessed April 20, 2021)

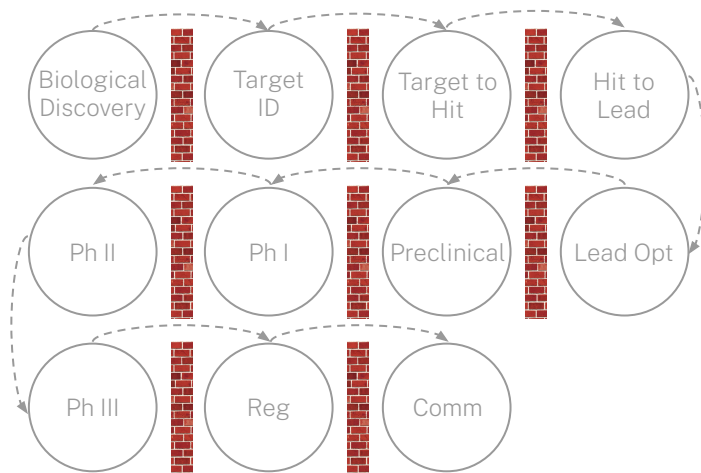
[3] Deloitte. "Ten years on: Measuring the Return from Pharmaceutical Innovation 2019." Deloitte Center for Healthcare Solutions, (2019)

[4] Konersmann, Todd., et al. "Innovating R&D with the Cloud: Business Transformation Could Require Cloud-Enabled Ecosystems, and Services." Deloitte Insights, Deloitte Center for Health Solutions, (Dec 2020)

[5] Peter Kolchinsky, The Great American Drug Deal: A New Prescription for Innovative and Affordable Medicines, Ch 1. (Evelexa Press, 2020)

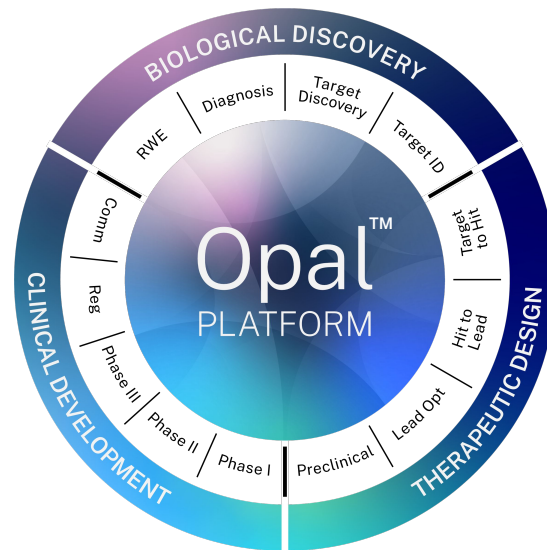
Valo is a technology company built to transform drug discovery and development using human-centric data and computation...

## LEGACY BIOPHARMA MODEL<sup>1,2</sup>



**LOCALIZED<sup>3</sup> | DISINTEGRATED<sup>3</sup>**  
**SURROGATE-DEPENDENT<sup>4</sup> | SERIAL<sup>1</sup>**

## VALO DRUG ACCELERATION MODEL<sup>5</sup>

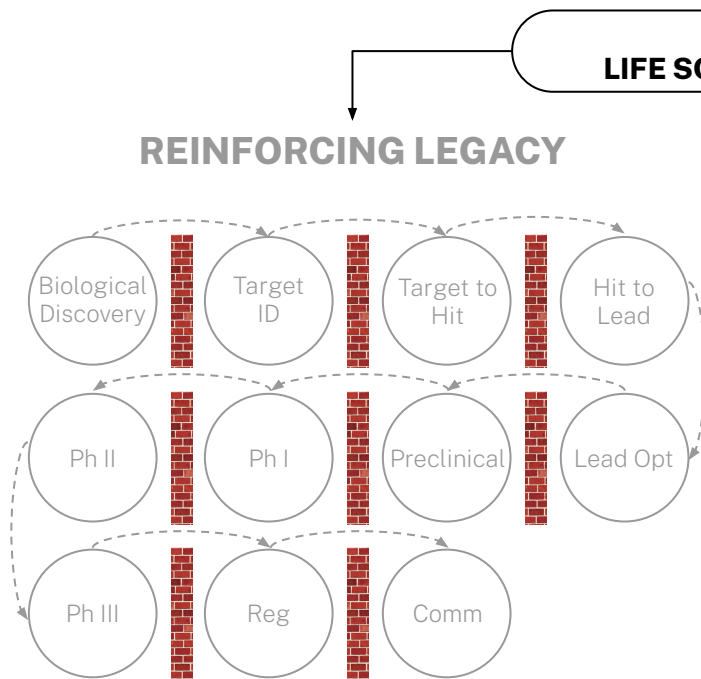


**UNIFIED | INTEGRATED**  
**HUMAN-CENTRIC | PARALLEL**

Target ID = Target Identification; RWE = Real World Evidence; Lead Opt = Lead Optimization; Reg = Regulatory; Comm = Commercial; AI = Artificial Intelligence

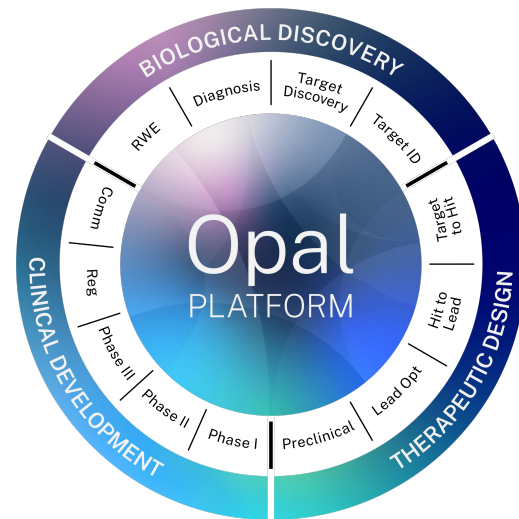
[1] Paul, Steven M., et al. "How to improve R&D productivity: the pharmaceutical industry's grand challenge." *Nat Rev Drug Discov* 9, 203–214 (Mar 2010). [2] Hughes, James P., et al. "Principles of Early Drug Discovery." *British Journal of Pharmacology* 162.6, 1239-1249 (Mar 2011). [3] Konersmann, Todd., et al. "Innovating R&D with the Cloud: Business Transformation Could Require Cloud-Enabled Ecosystems, and Services." Deloitte Insights, Deloitte Center for Health Solutions, (Dec 2020). [4] See, for example, Seoka, Junhee, et al. "Genomic Responses in Mouse Models Poorly Mimic Human Inflammatory Diseases." *PNAS*, 110 (9) 3507-3512. (Feb 26, 2013). [5] The Opal platform is designed to reduce time and cost in the drug discovery and development process, which we refer to as the Valo Drug Acceleration Model

...designed to enable a new model of drug discovery and development rather than applying AI to the constrained, legacy model



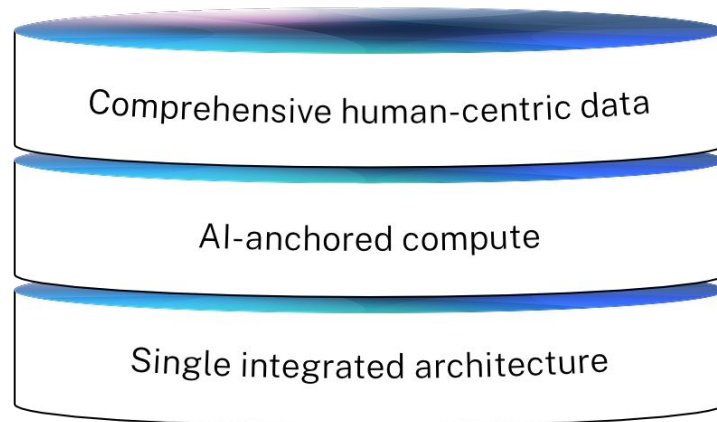
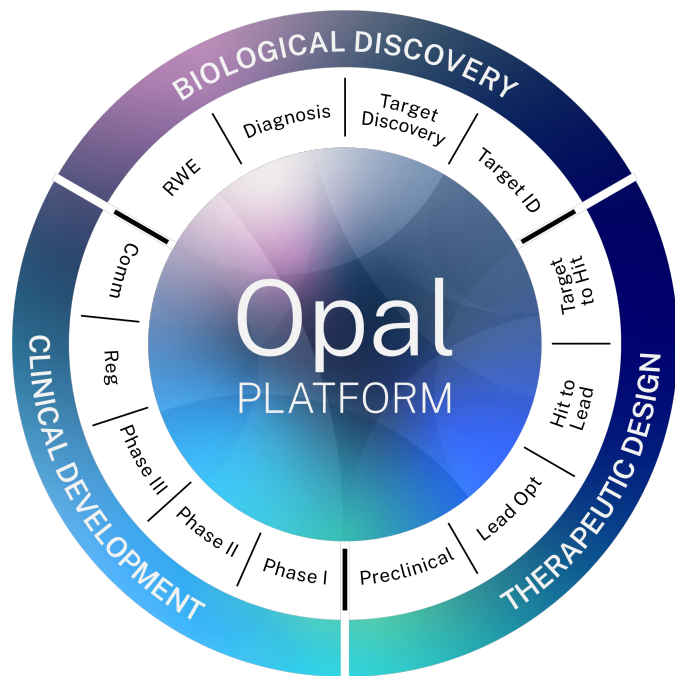
Legacy biopharma model struggles to effectively integrate and leverage the full power of data & AI<sup>1</sup>

**VALO TRANSFORMATION**



Valo's drug acceleration model is designed to create an integrated process centered on data & AI

Valo's Opal platform is designed to enable a fully integrated, human-centric approach to the systematic development of better drugs, faster

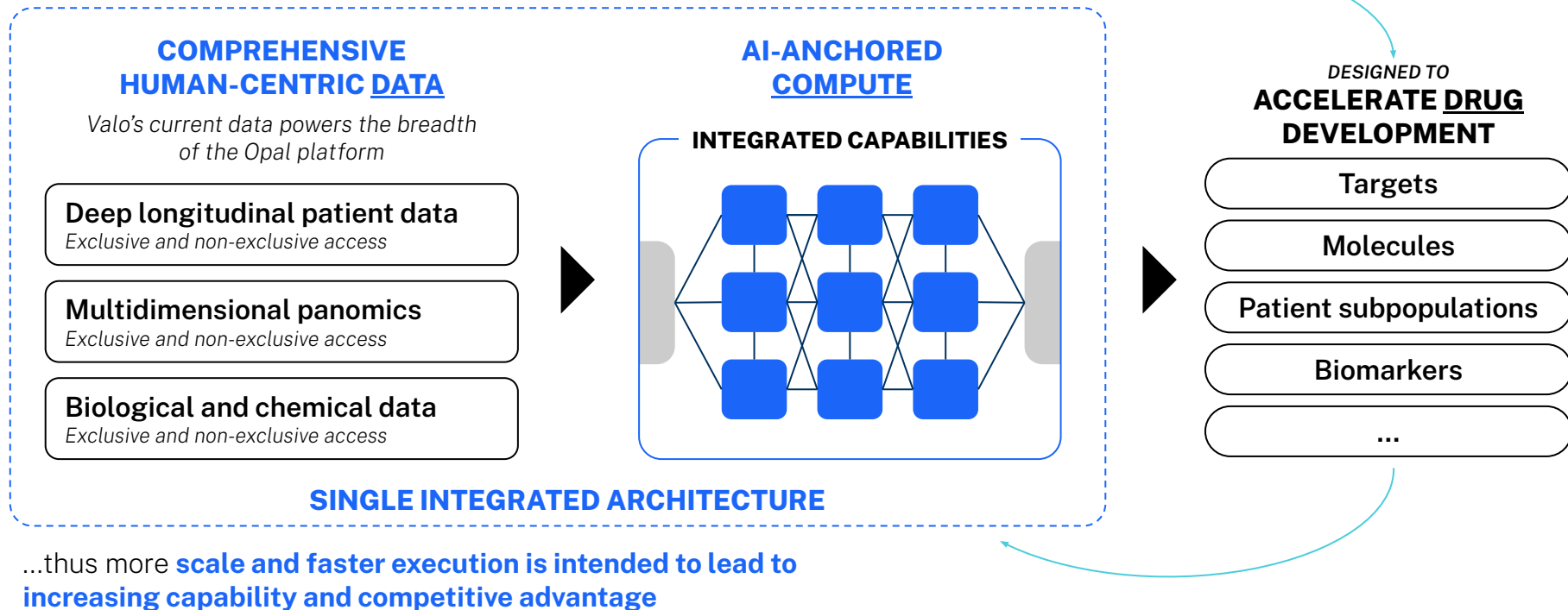


Valo is building **an end-to-end, fully-integrated drug development platform** with a **unified architecture**, founded upon world-class **human-centric data** and AI-anchored computation

# Valo's Opal platform consists of an integrated set of capabilities designed to transform data into valuable insights that may accelerate discoveries

Opal's design intent is to create a **data→compute→drug flywheel** which increases Opal's capability with each 'loop'...

## SELF-REINFORCING ACTIVE LEARNING



Valo's aspiration is for Opal to become the industry standard platform for drug discovery and development, unlocking multiple business models

**CURRENT**

**Building what we believe is the first digitally native fully integrated pharma**

**FUTURE**

**Aspiration to become the standard technology platform for drug development**

1

**BUILD**

**Build Opal platform and Data Lake**

Build a **digitally native fully integrated platform** anchored on patient data and AI

2

**VALIDATE**

**Validate Opal platform through internal pipeline**

Accelerate **advancement of a scaled portfolio of therapeutic programs** across key inflection points

3

**SCALE**

**Scale Opal platform through high-value partnerships**

Aim to form selective **high-value partnerships to enable capital efficient scaling** of Opal and increased velocity of flywheel

4

**DEMOCRATIZE**

**Democratize access to Opal through software businesses**

Aim to launch multiple targeted **Opal-enabled software businesses** to position Valo's drug acceleration model as the **default choice for all drug developers**

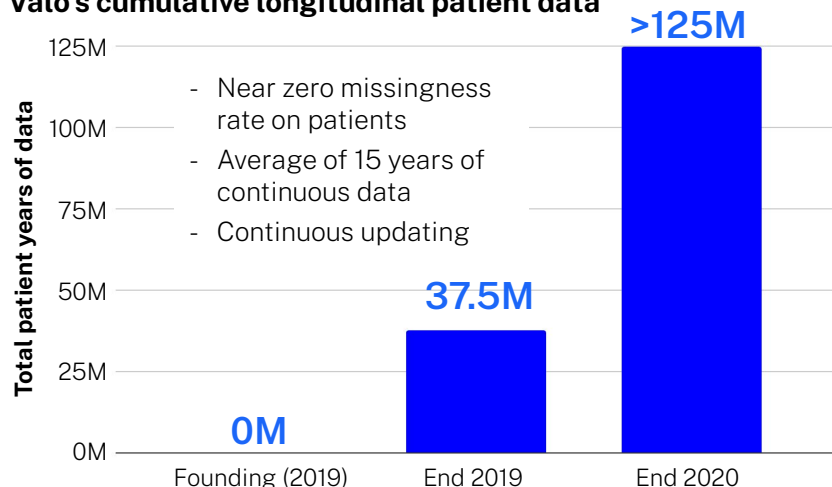
Valo's strategy aims to **accelerate Opal's data→compute→drug flywheel** over time

# Opal is built upon a differentiated, human-centric, and high quality data foundation



## >125M years of longitudinal patient data

### Valo's cumulative longitudinal patient data



## Multidimensional -'omics

Exclusive access to one of the largest prospective studies spanning pan-omics, imaging, and medical records

>22.5T

Whole genome sequencing data points

>210M

mRNA sequencing data points

>21M

Metabolomic and/or proteomic data points

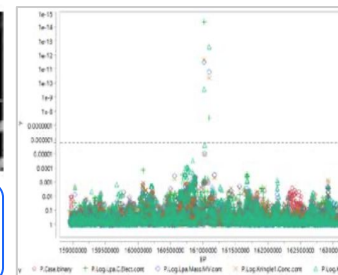
>320K

Blood sample aliquots



>13K images

paired with related scoring data



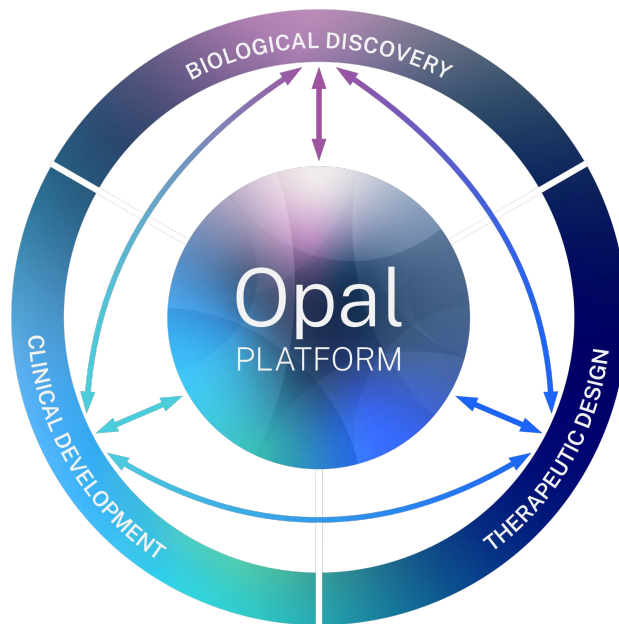
Opal fuses Valo's novel and/or exclusive longitudinal and 'omics data using proprietary methodologies designed to enable intelligent imputation, the upgrade of public and semi-private data, and the generation of novel insights

Opal is an end-to-end platform, enabled by Valo's data capabilities to bring human-centricity to the process, shifting from serial to parallel



## BIOLOGICAL DISCOVERY

Human data to identify human targets designed to treat human disease with enhanced clinical development profiles based on genotype-phenotype-causality linkages



## CLINICAL DEVELOPMENT

Designed to improve safety, efficacy, patient selection and disease selection for increased likelihood of success

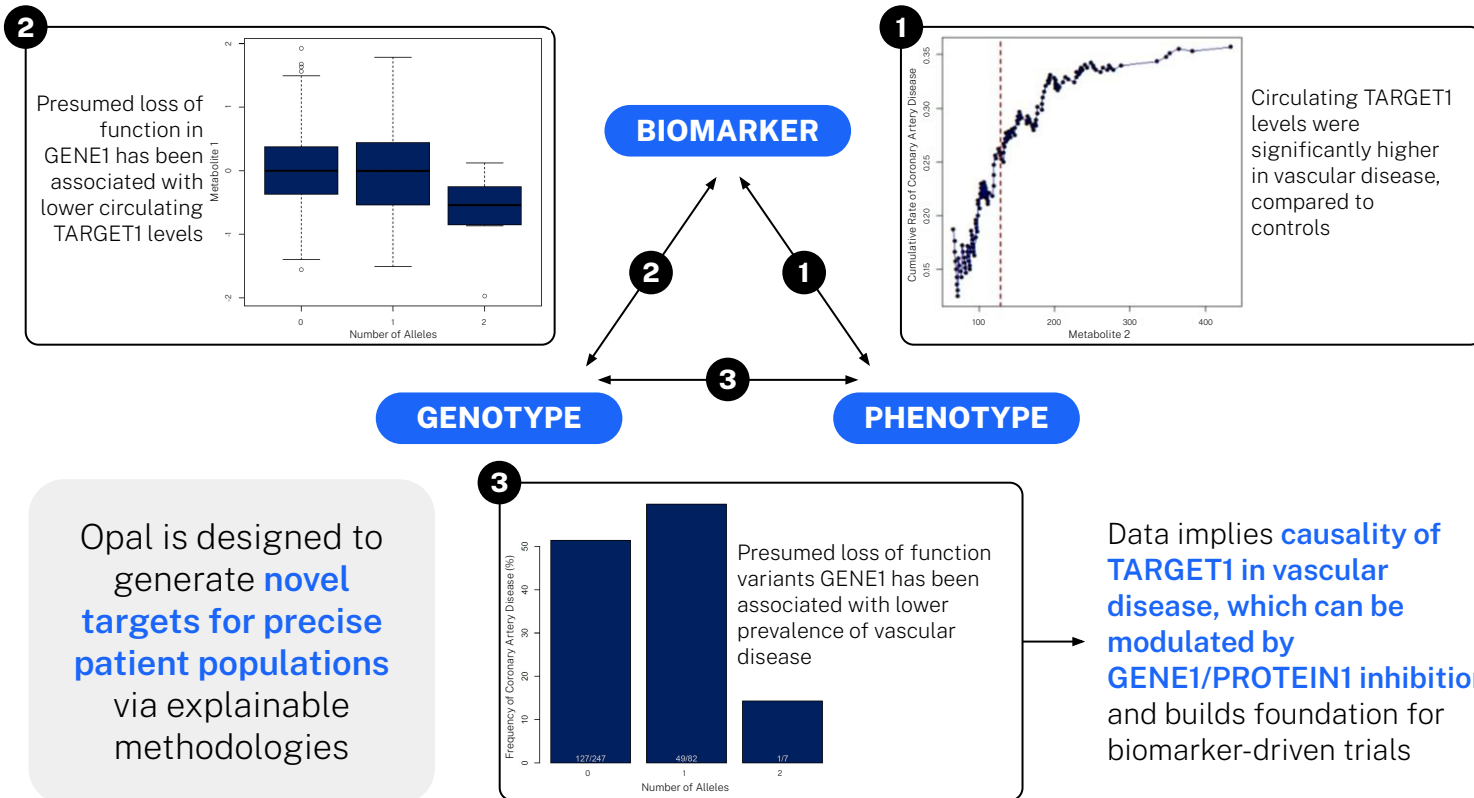
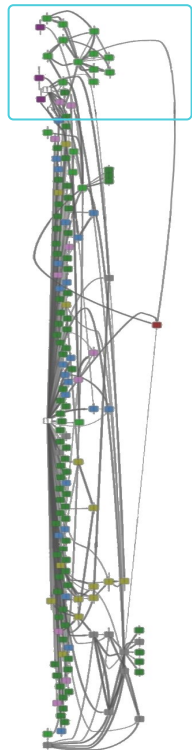
## THERAPEUTIC DESIGN

Active learning, self-reinforcing, in silico - experimental platform that is designed to rapidly iterate to design drugs, while testing and optimizing multiple feature dimensions in parallel



# Biological discovery: Human-centric target discovery powered by causal artificial intelligence approaches

## Bayesian network analysis



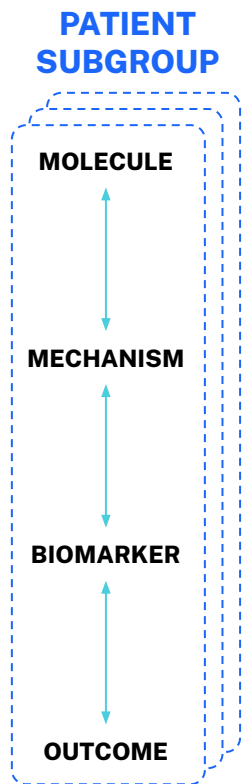
Opal is designed to generate **novel targets for precise patient populations** via explainable methodologies

Data implies **causality of TARGET1 in vascular disease, which can be modulated by GENE1/PROTEIN1 inhibition** and builds foundation for biomarker-driven trials

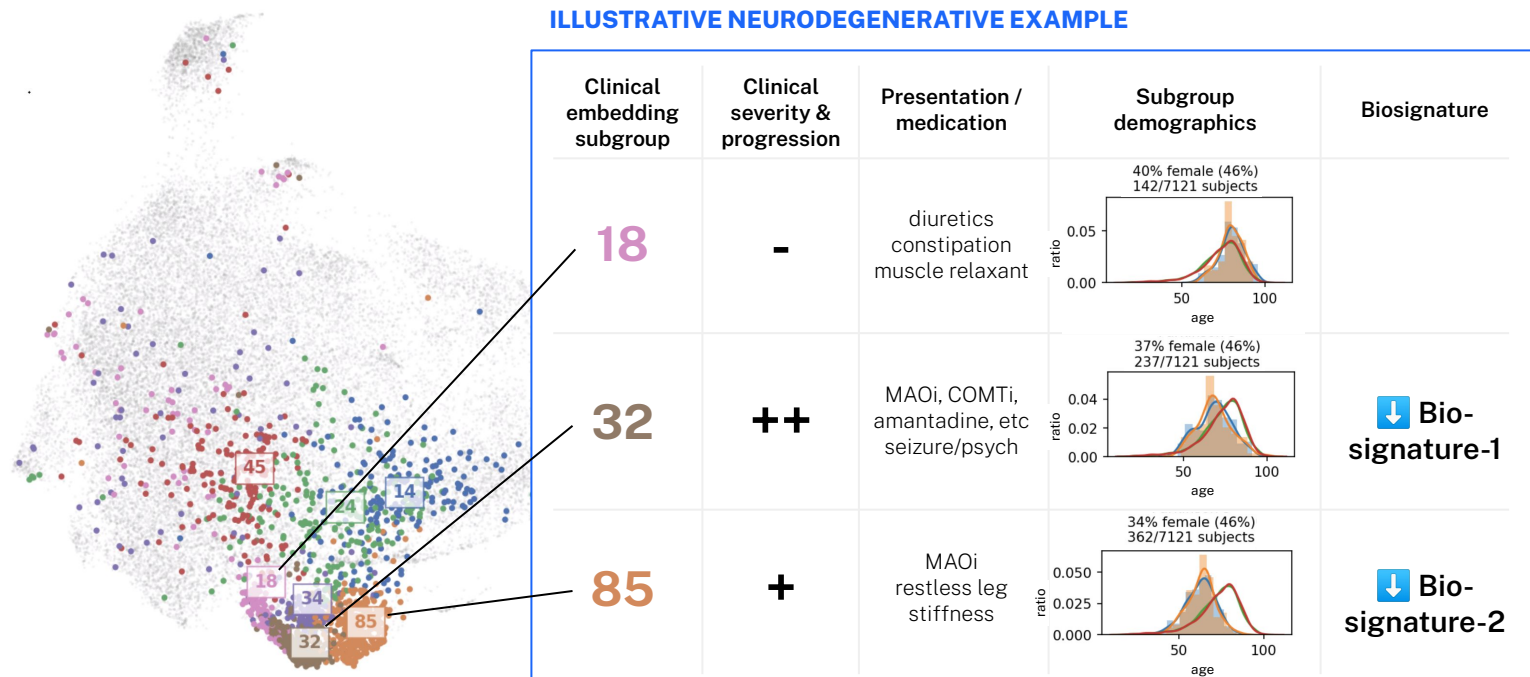
# Biological discovery: Opal's human-based capabilities designed to enable discovery of targets linked to precisely selected patient populations



Designed to causally link therapeutic **intervention** to target & pathway **mechanism** to physiological **biomarkers** of patient fit & response to disease-relevant **outcomes** (e.g., motor symptoms) **within biologically real patient subgroups** across multiple real-world, clinical, and preclinical data sources



## ILLUSTRATIVE NEURODEGENERATIVE EXAMPLE



Therapeutic design: Opal's proprietary active learning loop is designed to accelerate programs through the discovery process (target → drug candidate)



## OPAL'S INTEGRATED MOLECULE DESIGN LOOP

Opal is designed to make computational predictions in parallel with molecule design to generate better optimized compounds in each cycle, while performing serial processes in parallel

### Molecule Discovery Input Data

- >200K ADME data points from >50 endpoint assays
- >10M compounds with activity data
- >70 trillion virtual molecules created
- >375M molecules scored



### Predictive Models

Generated by the input data set.

*Activity, selectivity, toxicity, metabolism, bioavailability, synthesizability, etc.*

- >30,000 models built and deployed
- >2 billion predictions made, evaluating against optimization criteria



### In-House Valo Laboratories (>40K sq. ft.)

Automated synthesis + purification of **5,000 molecules/month** (average)  
DEL libraries of **>5B drug-like compounds**  
**4 automated HTS platforms** operating up to 24/6  
HTS library of **>500K compounds**

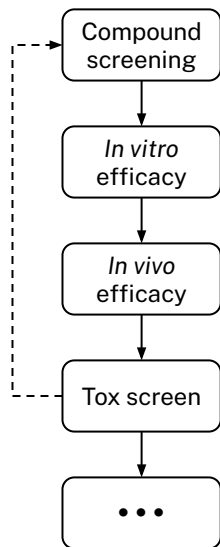
Closed loop structure designed to allow **Valo to start anywhere in the process without the typical limitations of disintegrated AI** molecule design

# Therapeutic design: Opal is designed to simultaneously optimize for target activity, ADME, and tox, moving from a serial to a parallel process



## TRADITIONAL DEVELOPMENT

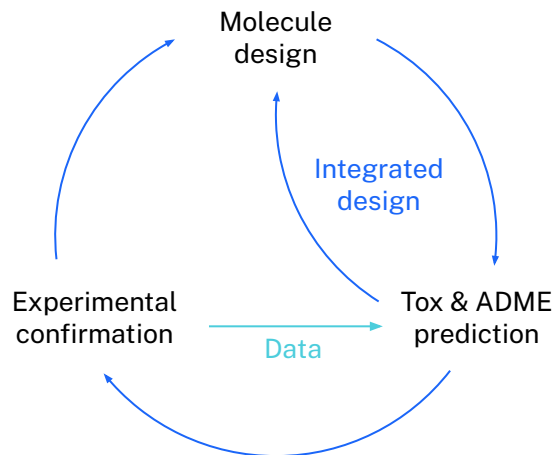
Traditional molecule discovery methods screen for tox and modify compounds in a linear, serial fashion<sup>1</sup>



## VALO INTEGRATED DEVELOPMENT

Opal is designed to make computational predictions in parallel with molecule design to generate better optimized compounds in each cycle

### Valo's parallelized design cycle

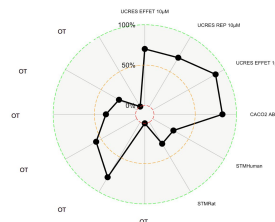


## EXAMPLE PARALLELIZED DESIGN<sup>2</sup>

### CYCLE 1

25 compounds synthesized

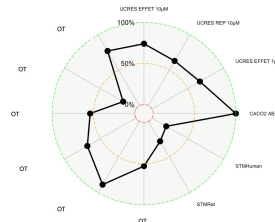
Key activity goals met



### CYCLE 2

31 compounds synthesized

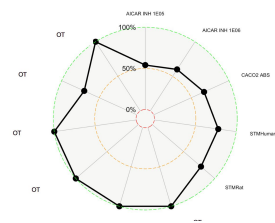
Key off-targets modeled



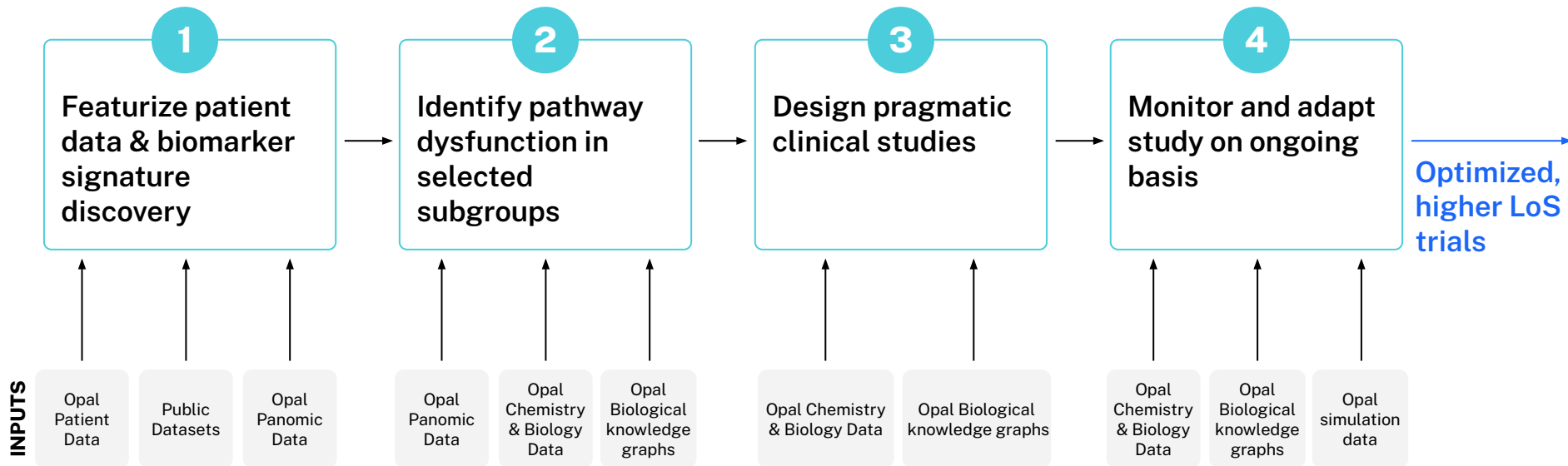
### CYCLE 3

13 compounds synthesized

All optimization goals met



Clinical development: Valo's approach to trial optimization is being designed to leverage patient datasets to identify sub-populations likely to benefit



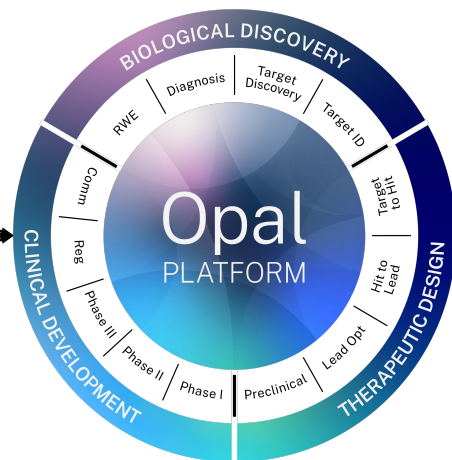
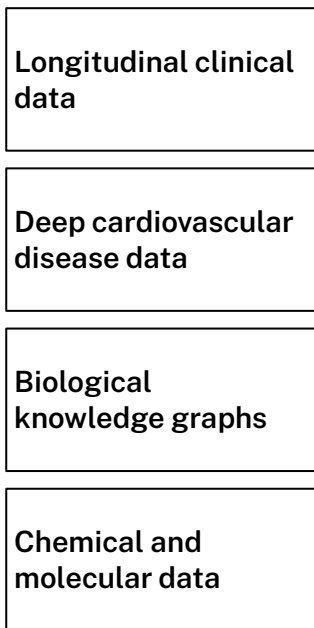
Valo's differentiated approach is designed to **harness our proprietary data lake to precisely identify responder populations (patients and time), enabling pragmatic studies** — for faster and more effective studies

# Clinical development: Development of OPL-0301, a biased S1P<sub>1</sub> agonist, is designed to validate Opal's clinical acceleration capabilities

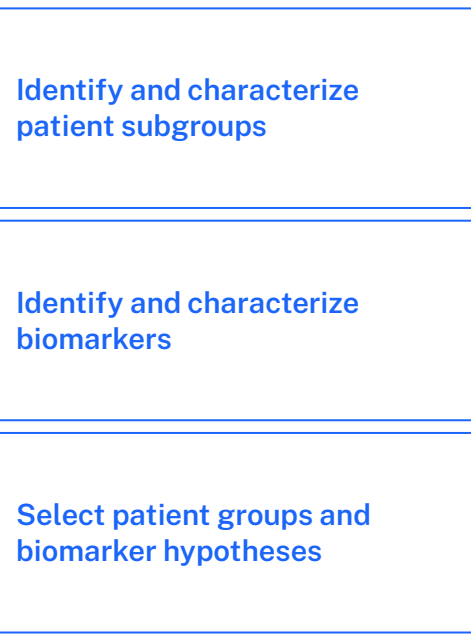


Valo's goal is to computationally define clinical hypotheses *a priori* and continuously refine them throughout development, potentially enabling smaller, more precise trials and a faster path to approval

## DATA INPUTS



## PLATFORM OUTPUTS



**Designed to produce precisely defined patient selection criteria**

# Valo's scalable acceleration model is designed to build a 'supply chain' of programs as a digitally native therapeutics company

## INTERNAL SUPPLY CHAIN OF PROGRAMS

### FOCUS THERAPEUTIC AREAS:

#### CARDIOVASCULAR-METABOLIC-RENAL

First clinical program launch expected in 2021<sup>1</sup>

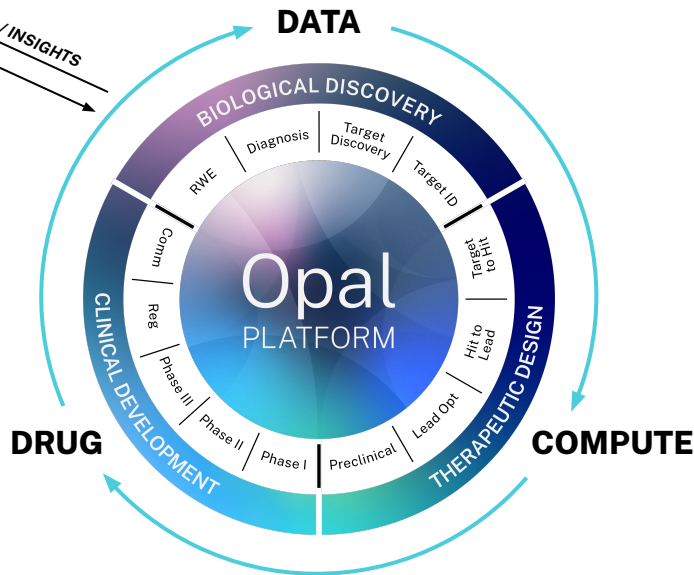
#### ONCOLOGY

Multiple Drug Candidates<sup>2</sup> expected in 2021<sup>1</sup>

#### NEURODEGENERATIVE

Multiple novel preclinical programs expected in 2021<sup>1</sup>

## OPAL ACCELERATION FLYWHEEL



Portfolio designed to reduce risk and achieve high value outcomes

Opal designed to enable scalable activation and advancement of programs

The self-reinforcing nature of Opal's flywheel is designed to enable **increasing utility with and at scale**

# Opal platform offers the opportunity to accelerate the development of programs

## OPAL PLATFORM

## INDUSTRY

New target identification in weeks  
(CV and ND targets discovered and/or statistically validated in less than a month)

vs.

6-12 months for typical target discovery using surrogates rather than humans<sup>1</sup>

New molecule identification, validation and transition to hit-to-leads (H2L) in months  
(H2L 1 billion evaluated, 100s made/tested, multiple proprietary series)

vs.

Average of 6-12 months to move from target to hit to lead candidate<sup>1</sup>

Lead optimization (LO) in months  
(LO in 9-12 months driven by Opal-enabled compressed number of LO chemistry cycles)

vs.

Average of two years spent in lead optimization alone<sup>1</sup>

Causal biomarker discovery in months  
(0 to novel Parkinson's biomarker in 2 months)

vs.

Significant time and resource investment to discover clinically relevant biomarkers<sup>2</sup>

CV = cardiovascular; ND = neurodegenerative; H2L = hit-to-lead; LO = lead optimization

[1] Paul, Steven M., et al. "How to improve R&D productivity: the pharmaceutical industry's grand challenge." Nat Rev Drug Discov 9, 203-214 (Mar 2010). [2] See, for example, Paulovich, Amanda G., et al. interface between biomarker discovery and clinical validation: The tar pit of the protein biomarker pipeline." Proteomics Clin Appl 2, 1386-1402 (Oct 2008).

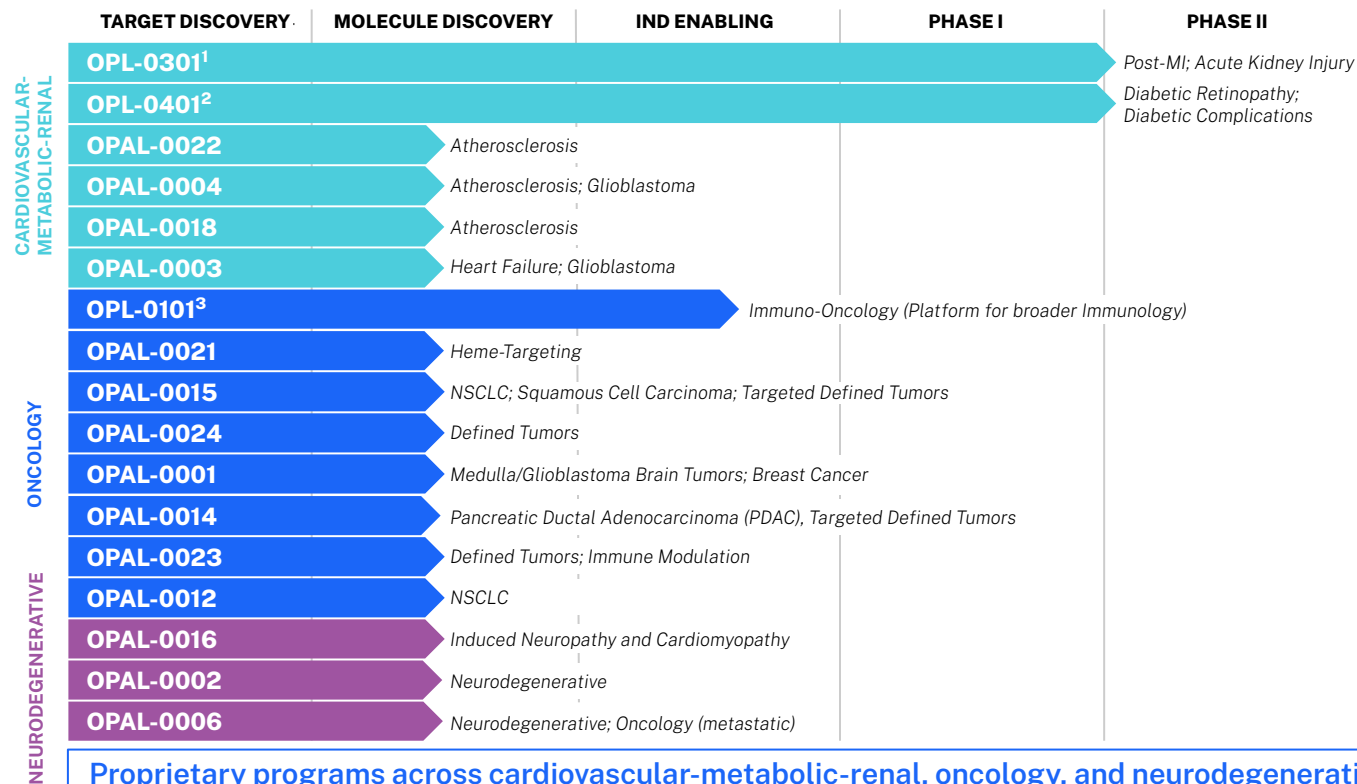
"The

2Q21

24



# Internal supply chain of programs demonstrates impact of Opal drug acceleration, providing, we believe, validation to scale via external program supply chain



## PLANNED 2021 INTERNAL SUPPLY CHAIN KEY MILESTONES<sup>4</sup>

- Launching Opal-enabled Phase II study for OPL-0301
- Planning Opal-enabled Phase II study for OPL-0401 (launch in 2022)
- Advancing OPL-0101 IND-enabling experiments
- Advancing 2 internal discovery programs toward Drug Candidate status
- Activating 2 discovery programs pursuing targets enabled by Opal

## PLANNED 2021 EXTERNAL SUPPLY CHAIN KEY MILESTONES<sup>4</sup>

- Launching strategic ecosystem partnership program
- Increased flywheel velocity through data and compute expansion

Proprietary programs across cardiovascular-metabolic-renal, oncology, and neurodegenerative disease that use and/or further build Opal. Additional proprietary preclinical programs with potential for out-licensing or future development.

# OPL-0301: Preclinical and Phase I data suggests differentiated biology

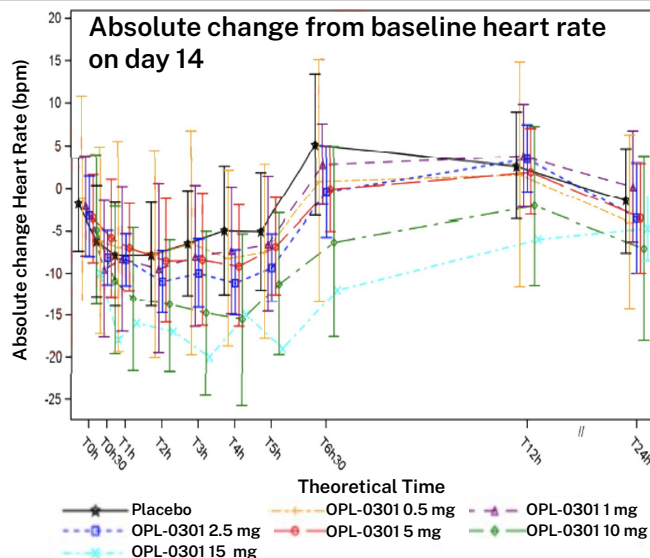
## THERAPEUTIC HYPOTHESIS

A biased S1P<sub>1</sub> agonist designed to avoid the side effects of other S1P<sub>1</sub> modulators will unlock therapeutic benefit for post-MI left ventricular dysfunction and acute kidney injury patients

## OPAL VALIDATION

We believe Opal has the potential to enable accelerated development of a biased S1P<sub>1</sub> agonist for CV development. Intent to enter Phase 2 in 4Q21<sup>4</sup>

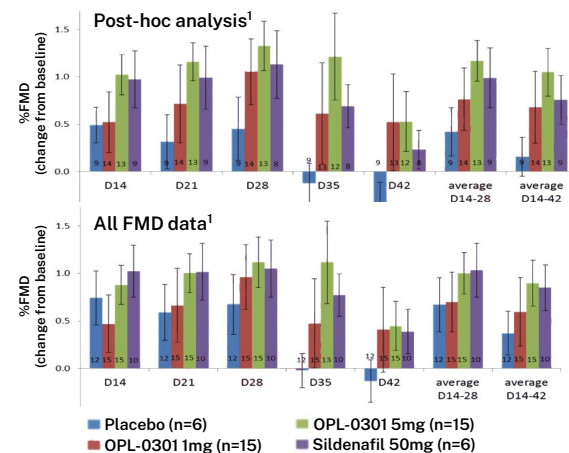
### Phase I safety data



Unlike other S1P<sub>1</sub>s, Phase I data suggests that at doses  $\leq 5$  mg, OPL-0301 evokes little or no effects on heart rate (no symptomatic bradycardia or tachyphylaxis)

### Phase I efficacy data

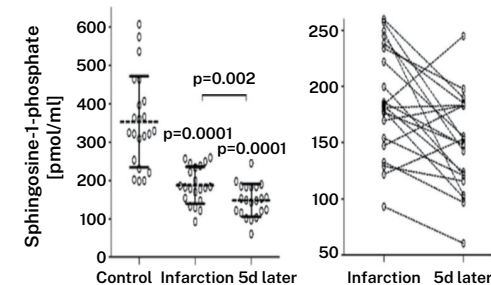
Effect of 28 day once-daily treatment of OPL-0301 (1 and 5mg), or placebo on % flow-mediated dilation (FMD)



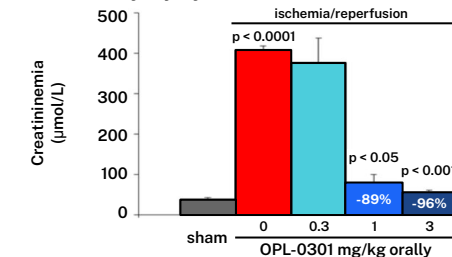
Evidence for dose and time-dependent endothelial effects of OPL-0301, at least as good as sildenafil<sup>2</sup> (FMD is correlated with cardiovascular events<sup>3</sup>)

### Therapeutic hypothesis

Lower plasma S1P in patients admitted for MI compared to controls. Further reduction over subsequent 5 days



Significant renal function preservation in rat acute kidney injury model



[1] Exclusion criteria in post-hoc analysis was to exclude FMD for all subsequent time-points following an increase in hsCRP of  $>2.5$  mg/L compared to baseline. FMD expressed as change from baseline. Bars are mean  $\pm$  SEM. Number of FMD data points shown within each bar chart; [2] Study and analysis conducted by third party. [3] Matsuzawa, Yasushi, et al. "Prognostic Value of Flow-Mediated Vasodilation in Brachial Artery and Fingertip Artery for Cardiovascular Events: A Systematic Review and Meta-Analysis." J Am Heart Assoc. (Nov13, 2015). PMID: 26567372. [4] Reflects management's 2021 goals

# OPL-0401: Oral candidate with retinal exposure with the potential to address complications of diabetes, including diabetic retinopathy (DR)

## THERAPEUTIC HYPOTHESIS

A **ROCK1/2 inhibitor with oral dosing and preferential exposure in the retina** could address currently underserved diabetic retinopathy with an orally available therapeutic

## OPAL VALIDATION

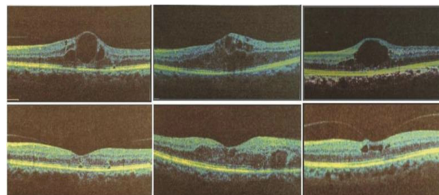
**Pragmatic phase II trial** designed to identify responder cohorts, indications and intervention approaches, and inform expansion across diabetic triopathy<sup>2</sup>

### OPL-0401 has potential for DR with expansion across diabetic triopathy

- OPL-0401 is designed to be **orally available** with **preferential retinal exposure**, and to have **better comparable potency to known competitors**
- Differentiated PK/PD has been observed to **reduce systemic exposure**, limiting typical ROCK AEs in multiple studies
- Potential opportunity to expand into diabetic triopathy and other complications, to be evaluated through pragmatic clinical trial

### Historical clinical proof of concept for ROCK inhibition in DR suggests potential for OPL-0401

**ROCK inhibition in combination with anti-VEGF has the potential to reduce central macular thickness, including in VEGF-refractory DR<sup>1</sup>**



Severe diabetic macular edema despite intravitreal (IVT) anti-VEGF treatment

Reduction in central macular thickness one month after combined IVT ROCK inhibitor + anti-VEGF

*Effect of ROCK inhibition in combination with anti-VEGF was sustained over time (6 months)<sup>2</sup>*

- Valo expects to conduct a **pragmatic phase II study for OPL-0401 with the goal of enhancing precision in DR and enabling expansion into diabetic triopathy**
- **OPL-0401 has been evaluated in multiple clinical studies to date**, and has been observed to not lead to bradycardia or tachyphylaxis at perceived therapeutic doses in studied patient populations

ROCK = Rho-associated kinase; anti-VEGF = anti-vascular endothelial growth factor; SoC = standard of care; DR = diabetic retinopathy; AE = adverse event

[1] Nourinia, Ramin, et al. "Intravitreal Fasudil Combined with Bevacizumab for Treatment of Refractory Diabetic Macular Edema; A Pilot Study." *Journal of Ophthalmic & Vision Research*, Vol. 8 (4), 337-40. (Oct 2013).

[2] Reflects management's current expectations

# OPL-0101: Designed as targeted NK cell & T cell stimulator with reduced exhaustion

## THERAPEUTIC HYPOTHESIS

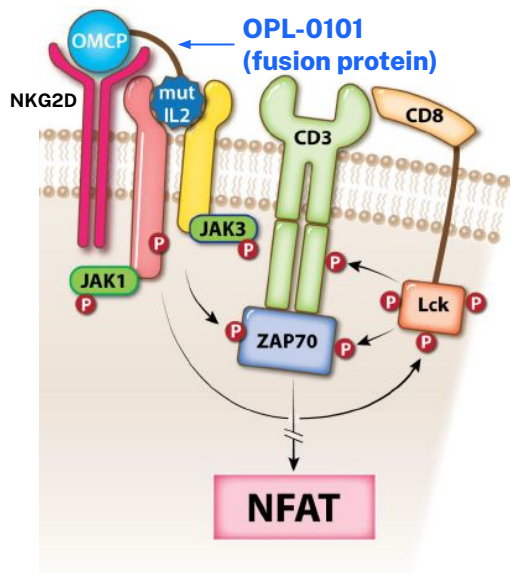
An NK cell and CD8+ T cell selective activator protein that avoids Tregs with minimal toxicity or exhaustion could enable a new frontier in immune oncology

## FUTURE OPAL VALIDATION

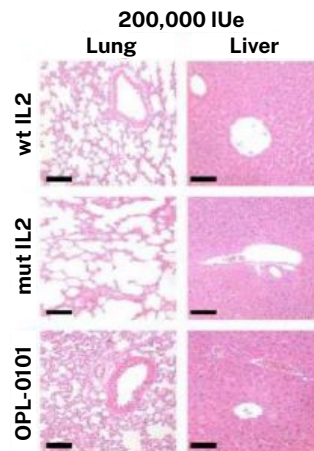
Potential for **monotherapy activity** as well as enriched combination therapy with potential for **improved tolerability and potential reduced exhaustion**. Poised to identify responder populations<sup>2</sup>

OPL-0101 is designed to leverage cell targeting and multiple activation paths to prime NK and CD8+ T cells for selective activation

Mouse and non-human primate data showed activity, low adverse event occurrence, and reduced exhaustion

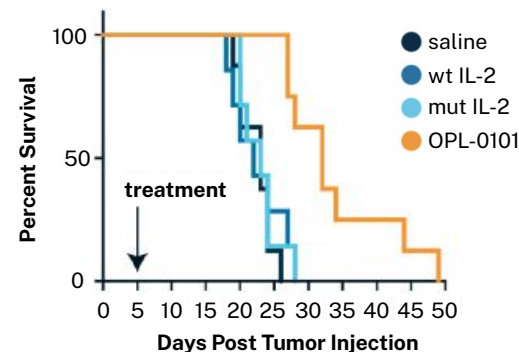


## MURINE, *in vivo*



- Lack of damage to lung and liver tissue demonstrates **low off-target effect** with OPL-0101 (bottom row)

## LEWIS LUNG CARCINOMA MURINE MODEL OPL-0101 INTRAVENOUS INJECTION



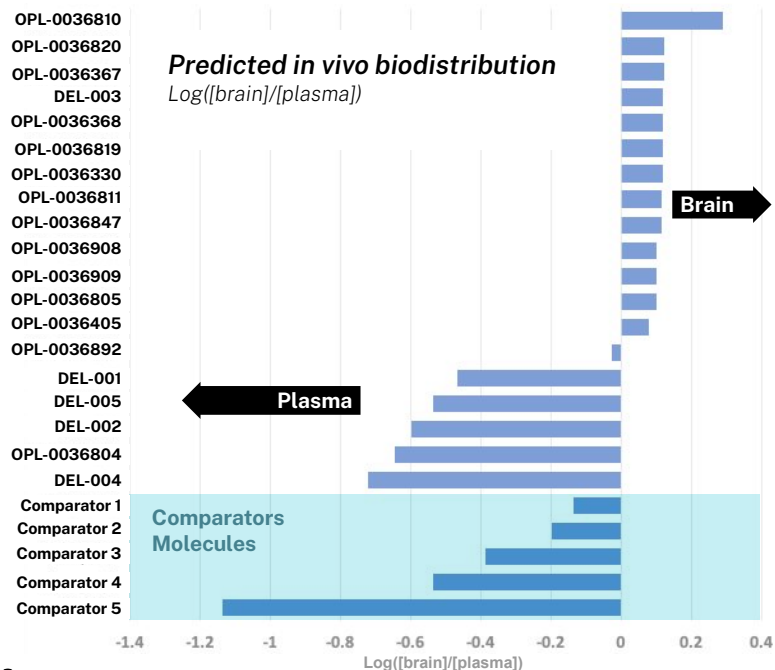
- OPL-0101's toxicity began at 13x the "therapeutic dose" and 6x the lethal dose of wild-type IL-2 (based on mouse models)
- Initial NHP data showed NK and CD8+ to Treg ratios increased up to 20-fold compared to baseline

# Valo is seeking to develop best-in-class compounds leveraging known or proven biology

## OPL-0001: PARP1 THERAPEUTIC HYPOTHESIS

Creating a PARP1 inhibitor with central penetrance while preserving activity could enable treatment of brain metastasis and primary brain cancers<sup>1</sup>

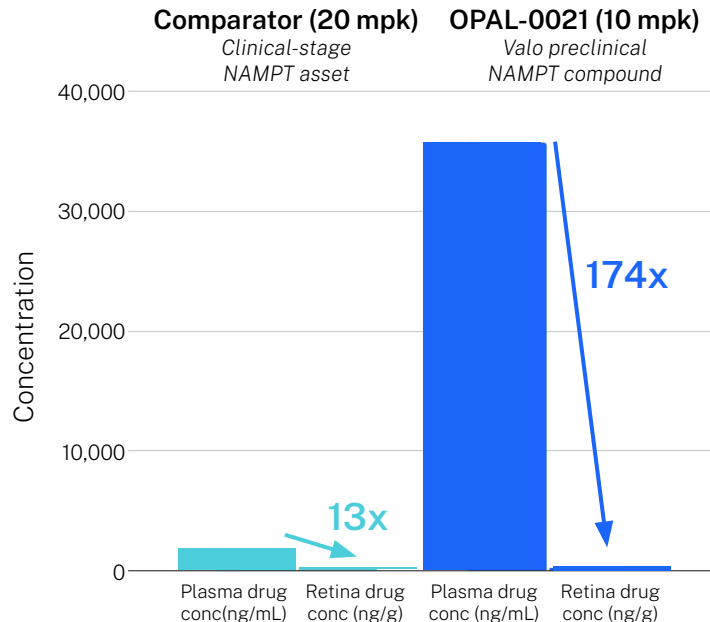
### DESIGNING A CNS-PENETRANT PARP1 INHIBITOR



## OPL-0021: NAMPT THERAPEUTIC HYPOTHESIS

Preventing NAMPT inhibition in the retina while driving peripheral activity could create a next generation cancer therapeutic<sup>1</sup>

### RAT RETINA AND PLASMA DISTRIBUTION RATIO

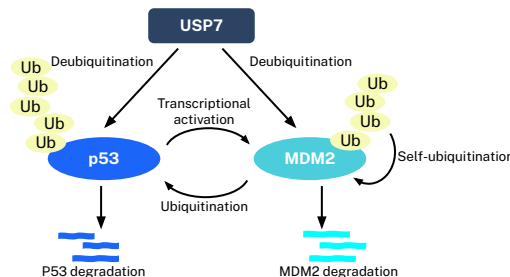


# Valo is seeking to develop compounds that allow us to drug previously undruggable targets

## OPL-0012: USP7 THERAPEUTIC HYPOTHESIS

A specific, selective targeted inhibitor designed to **unlock p53** biology for treating various cancers<sup>3</sup>

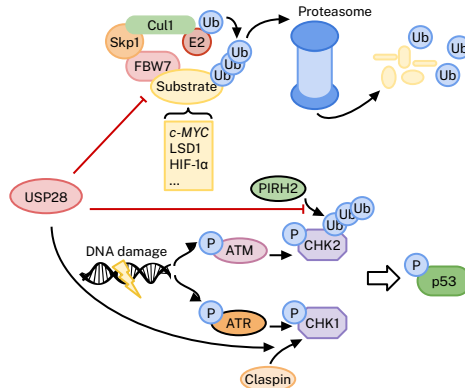
USP7 is a clinically validated oncogene implicated in the p53 pathway<sup>1</sup>



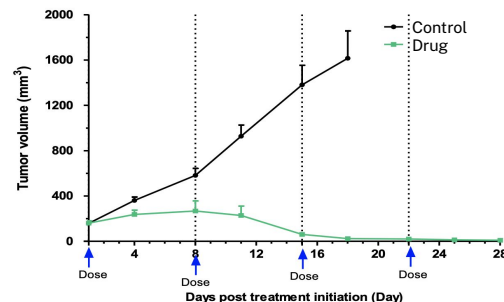
## OPL-0015: USP28 THERAPEUTIC HYPOTHESIS

A specific, selective targeted inhibitor designed to **unlock c-Myc** biology for treating various cancers<sup>3</sup>

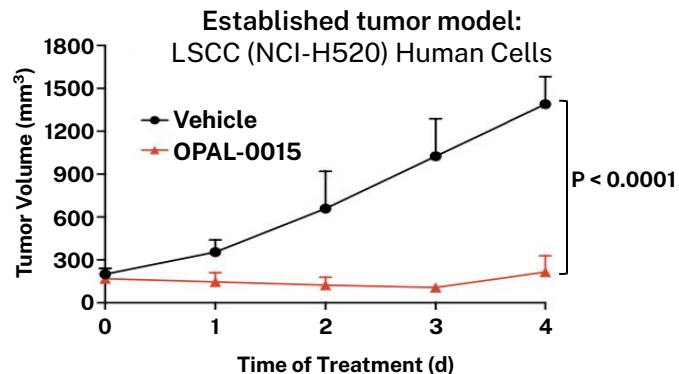
USP28 has been demonstrated to be required for c-Myc stability and clinically implicated in cancers<sup>2</sup>



*In vivo*: Complete responses to established tumors in mouse models



Strong anti-tumor signals demonstrated by lung squamous cell carcinoma (LSCC) model in mice



[1] Wang, Zhiru, et al. "USP7: Novel Drug Target in Cancer Therapy." *Frontiers in Pharmacology*. V-10, 427, (Apr 2019)

[2] Wang, Xiaofang, et al. "Targeting Deubiquitinase USP28 for Cancer Therapy." *Cell Death Dis*. V-9, 186 (2018)

[3] Reflects management's current expectations

# Valo has a growing patent portfolio estate

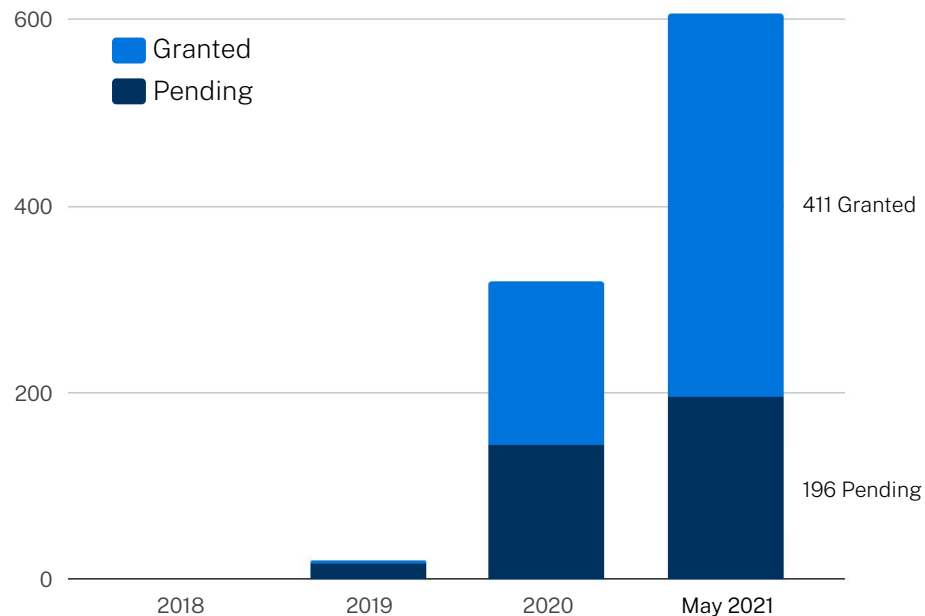
## 605 Patents and Applications

- 600 patents and applications directed to compositions of matter and methods of use, including patents and applications related to Valo's proprietary programs across cardiovascular-metabolic-renal, oncology, and neurodegenerative diseases
- 5 patents and applications directed to technology and machine learning for drug discovery/development

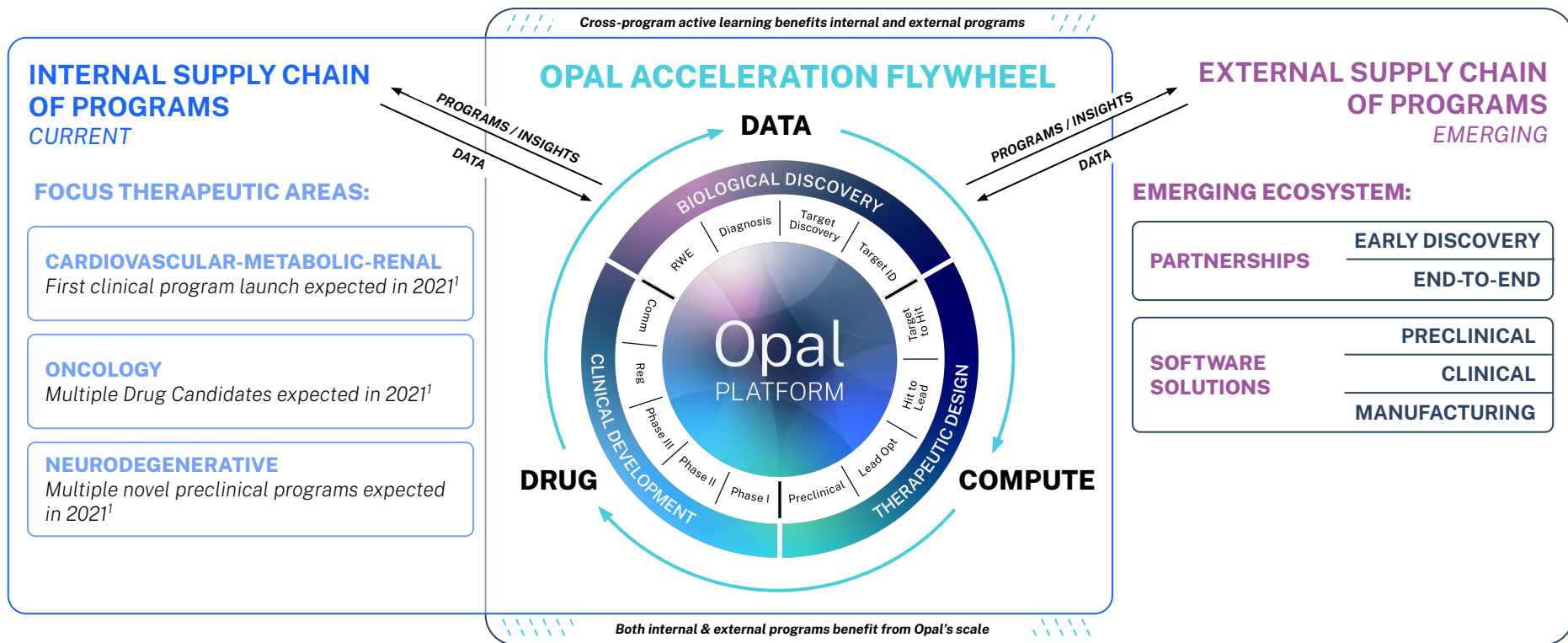
## IP Strategy Driven by Patents and Trade Secrets

- Patent strategy focused around therapeutics
- Significant trade secret strategy in place with focus around technology platform

### CUMULATIVE VALO PATENTS AND APPLICATIONS



Valo's scalable acceleration model is designed to build a 'supply chain' of programs — aspiration to become the standard drug development platform



The self-reinforcing nature of Opal's flywheel is designed to enable **increasing utility with and at scale**



Valo's aspiration is for Opal to become the industry standard platform for drug discovery and development, unlocking multiple business models

**CURRENT**

**Building what we believe is the first digitally native fully integrated pharma**

**FUTURE**

**Aspiration to become the standard technology platform for drug development**

1

**BUILD**

Build Opal platform and Data Lake

2

**VALIDATE**

Validate Opal platform through internal pipeline

3

**SCALE**

Scale Opal platform through high-value partnerships

4

**DEMOCRATIZE**

Democratize access to Opal through software businesses

**ANTICIPATED  
REVENUE  
MODEL**

Commercialize or partner a growing series of de-risked, high impact therapeutics

High value technology-driven partnerships generating payments, milestones, and royalties

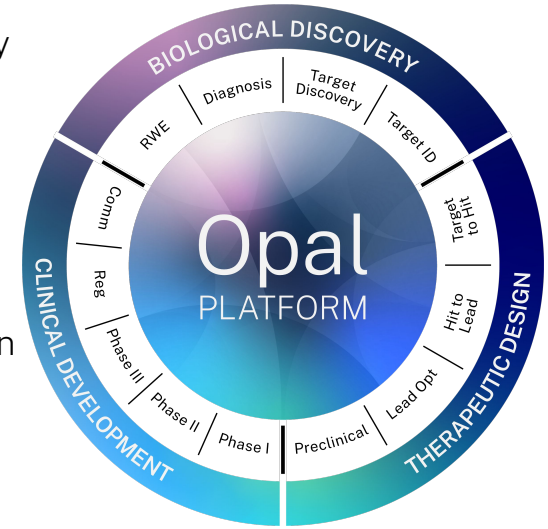
Partner with ecosystem players to sell software solutions across the ecosystem

Valo's strategy aims to **accelerate Opal's data→compute→drug flywheel** over time

# Valo is rapidly scaling and executing its strategy with the goal of positioning Opal as the standard technology platform upon which drugs are built

Powered by the Opal platform, Valo aspires to transform the biopharma industry as what we believe is the **first digitally-native fully integrated pharma**. Valo is:

- Leveraging Opal to achieve **scalable activation and advancement** of high potential therapeutic programs
  - **Optimizing portfolio and minimizing risk** with existing pipeline of **15 active** programs with high impact potential
  - **Expecting myriad clinical development milestones in diverse areas** in the near-term<sup>1</sup>
  - **Aspiring to create a repeatable flow of 2-3 preclinical drug candidates annually** (substantial latent pipeline of programs)
- **Planning to scale external supply chain of programs** to increase velocity of Opal's flywheel
  - We believe there is an **opportunity for Opal to become the standard technology platform for drug development** via combination of partnerships and software solutions



Khosla Ventures has a reputation for betting on industry transformations and high growth companies. **Combination with Khosla represents recognition of Valo's execution to-date and transformative aspirations**

