

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d) of
the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): January 13, 2025

GlycoMimetics, Inc.

(Exact name of Registrant as Specified in Its Charter)

Delaware
(State or Other Jurisdiction of
Incorporation)

001-36177
(Commission File Number)

06-1686563
(IRS Employer
Identification No.)

9708 Medical Center Drive
Rockville, MD 20850
(Address of Principal Executive Offices)

(240) 243-1201
(Registrant's telephone number, including area code)

N/A
(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

<u>Title of each class</u>	<u>Trading Symbol(s)</u>	<u>Name of each exchange on which registered</u>
Common Stock, \$0.001 par value	GLYC	The Nasdaq Capital Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 7.01 Regulation FD Disclosure.

On January 12, 2025, GlycoMimetics, Inc. (“GlycoMimetics”) and Crescent Biopharma, Inc. (“Crescent”) updated the investor presentation used by them in connection with their proposed merger, which investor presentation is furnished as Exhibit 99.1 hereto and incorporated herein.

No Offer or Solicitation

This Current Report on Form 8-K and the exhibits filed or furnished herewith are not intended to and do not constitute (i) a solicitation of a proxy, consent or approval with respect to any securities or in respect of the proposed transaction or (ii) an offer to sell or the solicitation of an offer to subscribe for or buy or an invitation to purchase or subscribe for any securities pursuant to the proposed transaction or otherwise, nor shall there be any sale, issuance or transfer of securities in any jurisdiction in contravention of applicable law. No offer of securities shall be made except by means of a prospectus meeting the requirements of the Securities Act or an exemption therefrom. Subject to certain exceptions to be approved by the relevant regulators or certain facts to be ascertained, the public offer will not be made directly or indirectly, in or into any jurisdiction where to do so would constitute a violation of the laws of such jurisdiction, or by use of the mails or by any means or instrumentality (including without limitation, facsimile transmission, telephone and the internet) of interstate or foreign commerce, or any facility of a national securities exchange, of any such jurisdiction.

NEITHER THE SEC NOR ANY STATE SECURITIES COMMISSION HAS APPROVED OR DISAPPROVED OF THE SECURITIES OR DETERMINED IF THIS CURRENT REPORT ON FORM 8-K AND THE EXHIBITS FILED OR FURNISHED HEREWITH ARE TRUTHFUL OR COMPLETE.

Important Additional Information About the Proposed Transaction Will be Filed with the SEC

This Current Report on Form 8-K and the exhibits filed or furnished herewith are not substitutes for the Proxy Statement or for any other document that GlycoMimetics may file with the SEC in connection with the proposed transaction. In connection with the proposed transaction between GlycoMimetics and Crescent, GlycoMimetics intends to file relevant materials with the SEC, including a proxy statement of GlycoMimetics. GLYCOMIMETICS URGES INVESTORS AND STOCKHOLDERS TO READ THE PROXY STATEMENT AND ANY OTHER RELEVANT DOCUMENTS THAT MAY BE FILED WITH THE SEC, AS WELL AS ANY AMENDMENTS OR SUPPLEMENTS TO THESE DOCUMENTS, CAREFULLY AND IN THEIR ENTIRETY IF AND WHEN THEY BECOME AVAILABLE BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION ABOUT GLYCOMIMETICS, CRESCENT, THE PROPOSED TRANSACTION AND RELATED MATTERS. Investors and stockholders will be able to obtain free copies of the Proxy Statement and other documents filed by GlycoMimetics with the SEC (when they become available) through the website maintained by the SEC at www.sec.gov. In addition, investors and stockholders should note that GlycoMimetics communicates with investors and the public using its website (www.glycomimetics.com) and the investor relations website (www.glycomimetics.com/investor-relations) where anyone will be able to obtain free copies of the Proxy Statement and other documents filed by GlycoMimetics with the SEC and stockholders are urged to read the Proxy Statement and the other relevant materials when they become available before making any voting or investment decision with respect to the proposed transaction.

Participants in the Solicitation

GlycoMimetics, Crescent and their respective directors and executive officers may be deemed to be participants in the solicitation of proxies from stockholders in connection with the proposed transaction. Information about GlycoMimetics’ directors and executive officers including a description of their interests in GlycoMimetics is included in GlycoMimetics’ most recent definitive proxy statement, as filed with the SEC on April 1, 2024. Additional information regarding these persons and their interests in the proposed transaction will be included in the Proxy Statement relating to the proposed transaction when it is filed with the SEC. These documents can be obtained free of charge from the sources indicated above.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit Number	Description
99.1 104	Investor Presentation, dated January 2025 Cover Page Interactive Data File (formatted as Inline XBRL)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

GLYCOMIMETICS, INC.
(Registrant)

Date: January 13, 2025

By: /s/ Brian M. Hahn
Name: Brian M. Hahn
Title: Senior Vice President and Chief Financial Officer






Crescent Biopharma Overview

January 2025

Crescent Biopharma aims to advance the next wave of innovation in cancer therapy

Crescent's pipeline consists of **potentially best-in-class therapies for the treatment of solid tumors**

- Crescent is the **fifth company** launched with assets **discovered in-house** by Paragon Therapeutics, a leading biotech incubator founded by Fairmount Funds in 2021.
- Prior companies founded with Paragon assets have **collectively raised >\$2B and generated significant value**.
- **~\$200 million financing** in October 2024 anticipated to fund operations through 2027.

Program	MoA	Stage		
		Discovery	IND-enabling	Clinical
CR-001 ¹	PD-1 x VEGF <i>(same cooperative MoA as ivonescimab)</i>			4Q25 ²
CR-002	Undisclosed #1 <i>(ADC, Topol payload)</i>			Mid-26
CR-003	Undisclosed #2 <i>(ADC, Topol payload)</i>			

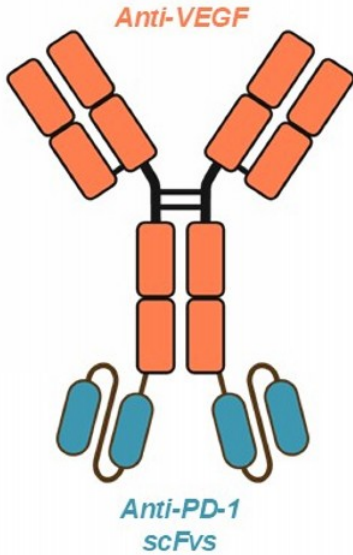


Notes: ¹Anticipated expiration for filed provisional patent is 2045+
²IND timing accelerated vs. prior guidance YE25/1Q26

Crescent is advancing three highly impactful oncology programs with best-in-class potential

CR-001

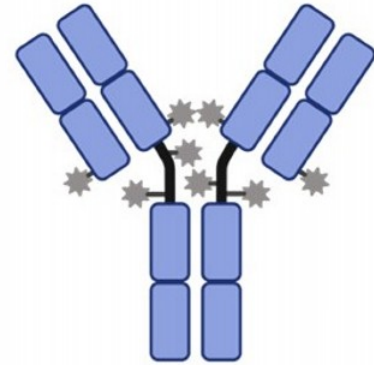
PD-1 x VEGF cooperative tetravalent bsAb;
same MoA as ivonescimab



- Designed to reproduce ivonescimab's established pharmacology.
- Pipeline in a program opportunity across solid tumor indications, with potential to move to frontline use in the \$50B+ PD-(L)1 immunotherapy market.
- IND expected 4Q25.
- Interim PoC data expected 2H26.

CR-002 & CR-003

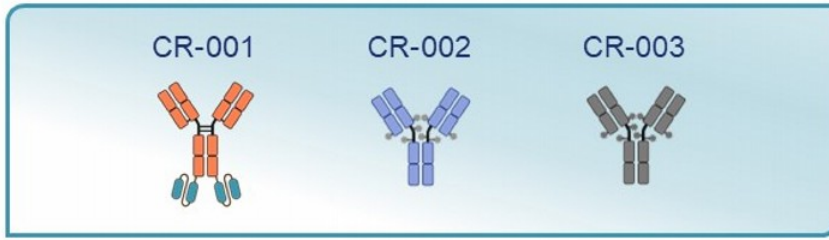
ADCs with topoisomerase inhibitor payload
potentially best-in-class



- Two unique, targets with potential as single agents
- Each has potential to synergize with combination driving clinical
- Both utilize the modality cycle topoisomerase
- CR-002 IND
- Interim PoC 2027.

Multiple ways to win: Crescent pipeline enables optionality differentiating combination therapies

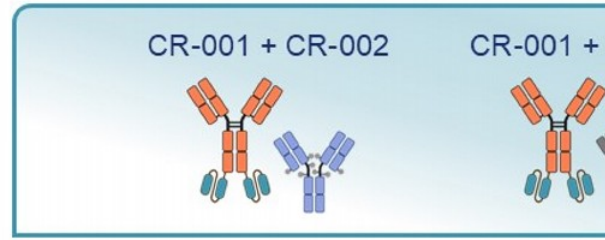
Optimized Novel Monotherapies



Engineered for:

- Best-in class efficacy
- Efficacy across solid tumors
- Pharmacokinetics
- Safety
- Stability
- Developability

Synergistic Combination Applications



Selected for:

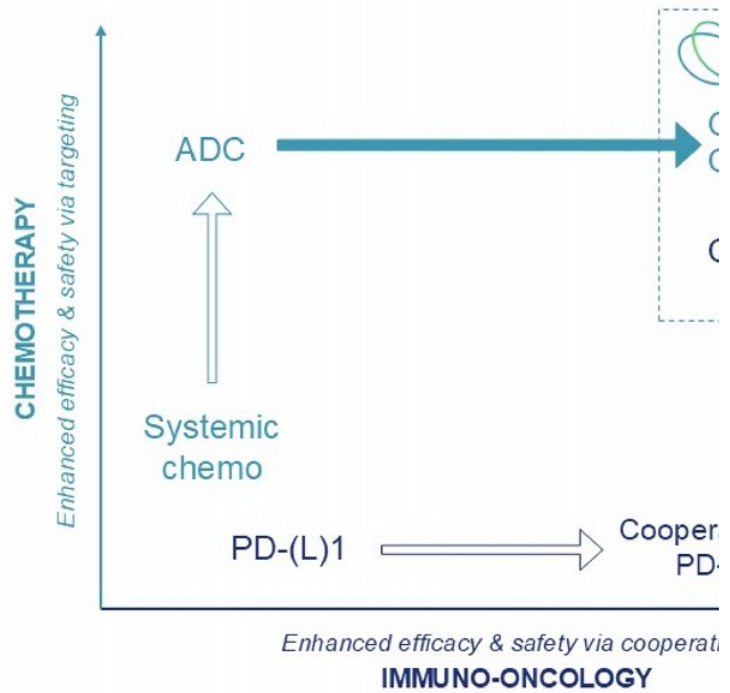
- Mechanism of action synergy
- Efficacy in overlapping solid tumors
- Broad utility

Crescent leverages two key advances in oncology for next-generation combinations within unique portfolio

Two revolutions underway in oncology:

- Immuno-oncology is potentially moving from PD-(L)1 to cooperative PD-1 x VEGF.
- Chemo is moving from systemic toxins to tumor-targeted toxins via improved ADCs.

Crescent is developing leading assets in both categories, designed to combine for maximum efficacy in priority indications.

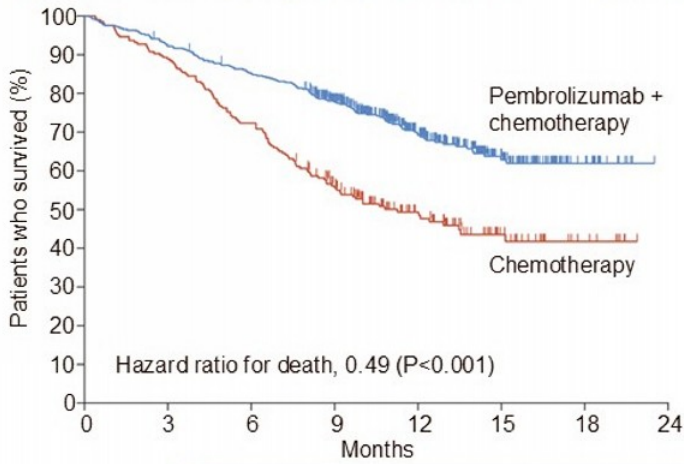


PD-(L)1-targeted therapies, annualizing \$50B+, have transformed oncology – with Keytruda now the best-selling drug in the world

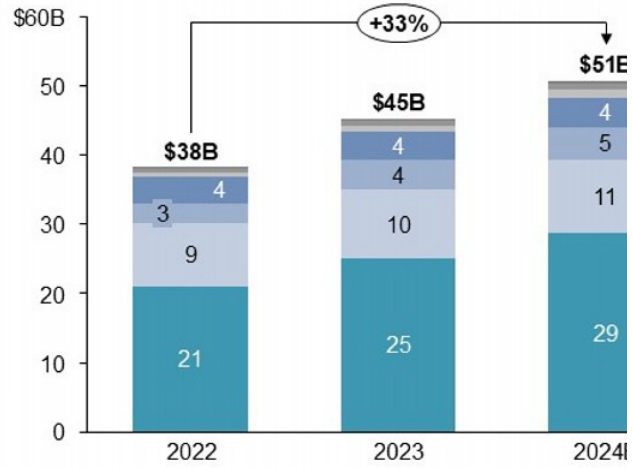
PD-(L)1 inhibitors have significantly prolonged survival, shifting 1L treatment to immunotherapy

PD-(L)1-targeted therapies are one of the largest with Keytruda (pembrolizumab) the dominant

- For example, in 1L NSQ NSCLC, addition of pembrolizumab to chemo significantly improved mOS (NR vs 11.3 months¹ with a HR of 0.49).



anti-PD-(L)1 global sales



Keytruda alone is approved in 20+ oncology indications with expected revenue of ~\$30B in 2024.

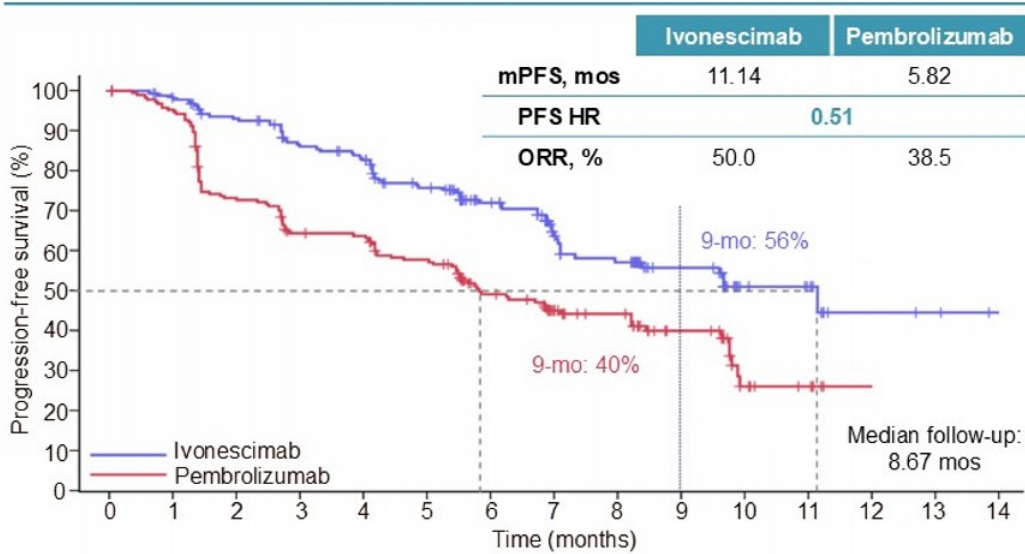


Notes: 1. 5-year followup demonstrated mOS of 22.0 vs 10.6 months. NSQ: Non-squamous. NSCLC: Non-small cell lung cancer. mOS: median overall survival. Sources: 2018 Gandhi (NEJM); 2023 Garassino (J Clin Oncol); GlobalData; FactSet; Pembrolizumab FDA Label

Ivonescimab, a cooperative PD-1 x VEGF bispecific, double progression-free survival vs. Keytruda in a P3 NSCLC trial

Ivonescimab is the **first drug to demonstrate superiority** in PFS over pembrolizumab in a randomized Phase 3

Ivonescimab's novel **raises the bar on efficacy**



1 Broader efficacy: Ivonescimab benefit in patients where anti-PD-1 has historically been modest (PD-(L)1^{low}).

	PD-L1 ^{low} (TPS 1-49%)	PD-L1 ^{high} (TPS ≥50%)	sq
HR	0.54	0.46	

2 Promising safety: Ivonescimab was better tolerated than expected versus anti-VEGF. This suggests a differentiated cooperativity-driven tissue target.

Dual blockade of PD-1 and VEGF through a **cooperative bispecific antibody** has led to **unprecedented clinical efficacy** demonstrating superiority to pembrolizumab... and a **\$15B+** market cap for ivo's ex-China sponsor, **Summit Therapeutics**



Notes: HR: hazard ratio. PFS: progression-free survival. AE: adverse event. NSQ: Non-squamous SQ: Squamous. Akeso has licensed ivonescimab to Summit in North America, South America, Europe, Africa, Middle East, and Japan. Akeso maintains rights in Asia (ex-Japan / Middle East) and in Oceania.
Sources: 2024 Zhou (WCLC Presentation on HARMONI-2); Summit Therapeutics; 2018 Paz-Área (NEJM); 2019 Mok (Lancet); 2022 De Castro Jr (J Clin Oncol); Avastin Label

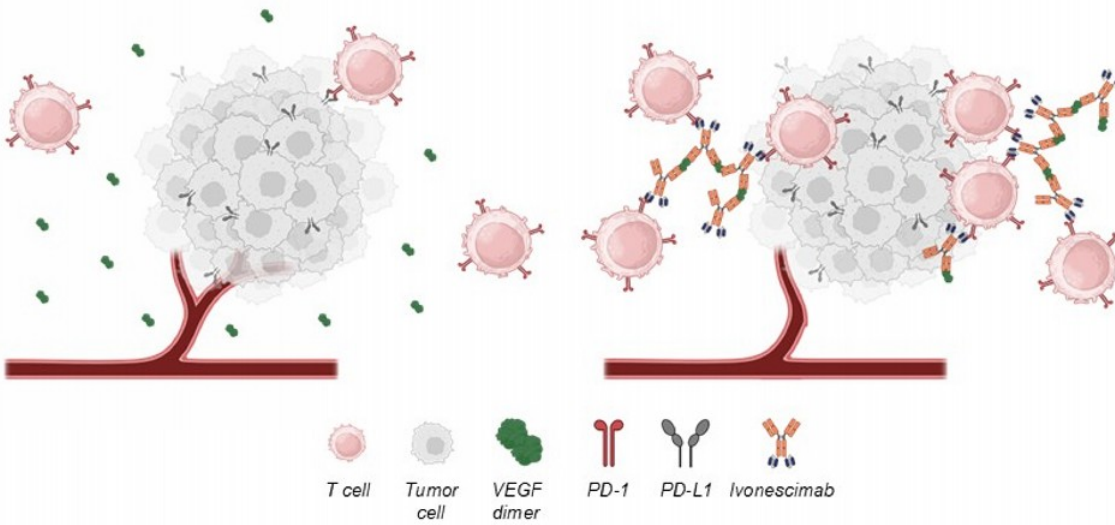
CR-001

*Cooperative, tetravalent
PD-1 x VEGF bispecific antibody*

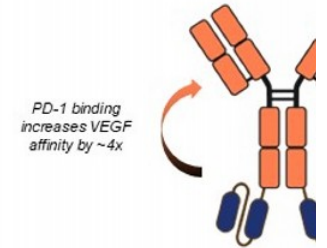
Ivonescimab's novel, cooperative MoA hypothesized to drive enhanced anti-tumor activity while maintaining tolerability

A VEGF drives tumor angiogenesis and PD-L1 expression suppresses T cells

B Ivo's cooperative binding blocks PD-1 / PD-L1 interactions and inhibits VEGF



✓ **Cooperativity:** VEGF bi ivonescimab increases at vice versa, enhancing bot and VEGF-signaling blo explain the cross-trial ou ivonescimab vs. an anti-P combination.



✓ **Tumor targeting:** PD-1 VEGF inhibition in the TM sparing healthy tissue a

Dual blockade of PD-1 and VEGF through a novel tetravalent bispecific format with cooperative binding effects has led to unprecedented clinical results in third party trials.



Notes: AE: adverse event. TME: Tumor microenvironment
Sources: 2023 Zhong (SITC Poster); Summit Therapeutics

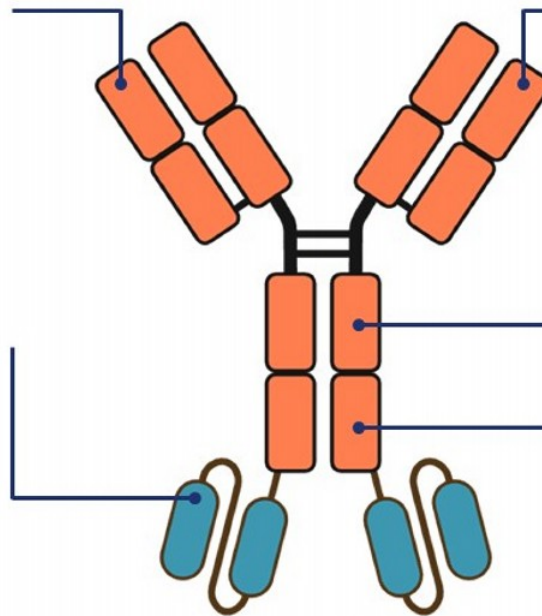
CR-001 is a highly potent PD-1 x VEGF bsAb designed to recapitulate ivonescimab's cooperative pharmacology

Same design as ivonescimab

- Pairs anti-VEGF IgG & anti-PD-1 scFvs
- Avoids risk of alternative, clinically unprecedented constructs (e.g., VEGF trap, anti-PD-L1 IgG, ADCC)

Highly potent & stable scFvs

- Designed to be the **best possible** anti-PD-1 epitope / binding domain
- Anti-PD-1s have **historically outperformed** anti-PD-L1s in meta-analyses of solid tumor studies
- Contains **proprietary engineering** to enable functional and stable scFvs



Potential for reduced

- Cooperative binding | **VEGF activity in TM** risks in healthy tissue
- Identical VEGF potency **safety**

Effector-null human

- **Equivalent to ivone:**
- ADCC carries additio

Designed to match i

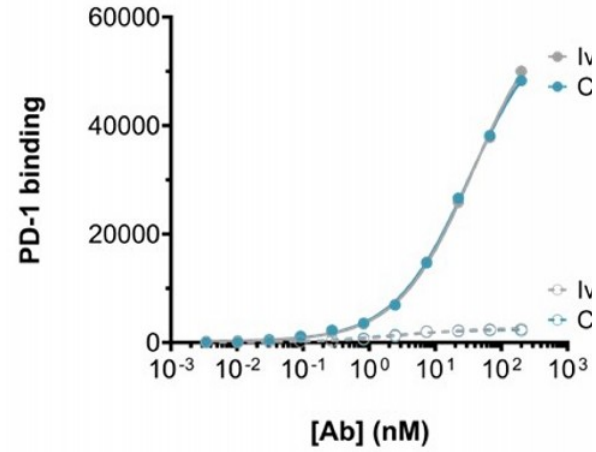
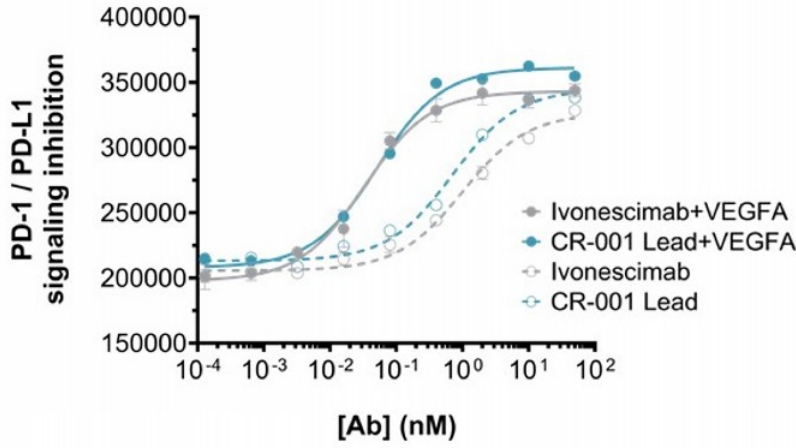
- Native FcRn binding **distribution and elir** ivonescimab

CR-001

CR-001 replicates ivonescimab's cooperative effect, with gi binding to and inhibition of PD-1 signaling in presence of V

CR-001 lead, like ivonescimab, is **more potent** in an NFAT reporter assay **in the presence of VEGF...**

... and also **increases PD-1 binding** PD-1+ Jurkat cells **in the presence of**



CR-001 lead **demonstrates same cooperative effect** as ivonescimab across multiple assays.



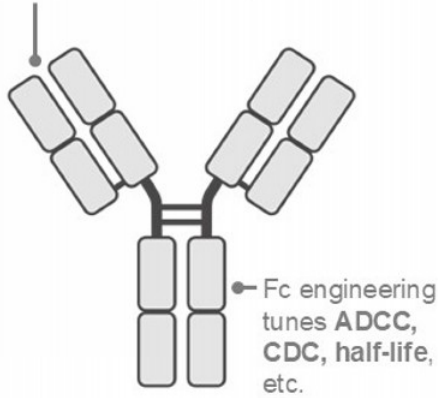
Notes: Ivonescimab generated internally based on published sequence. PD-1 / PD-L1 signaling inhibition measured in RLU (relative light units), a measure of luminescence that increases with greater inhibition. PD-1 binding measured in MFI (mean fluorescence intensity), a measure of fluorescence that increases with binding and is measured via FACS. Sources: Internal data

Replicating ivonescimab's tetravalent format and cooperative stable scFvs, requires complex protein engineering

Standard mAbs can be improved with established protein engineering approaches...

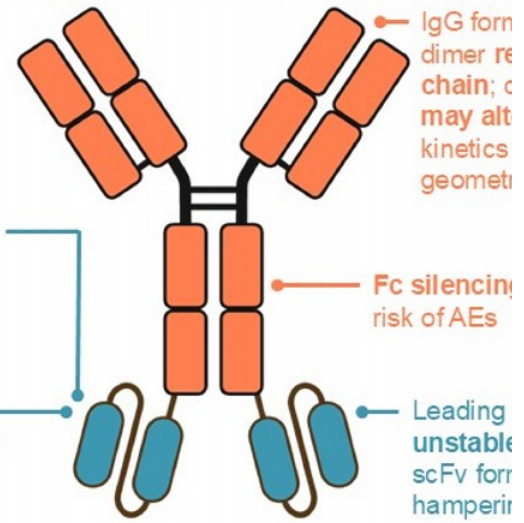
... but ensuring cooperative effect, stability, and development of tetravalent PD-(L)1 x VEGF bispecific antibody is more c

CDRs improved via diversification and/or affinity maturation to maximize potency



scFv format can require significant engineering to ensure stability







CR-001 has novel composition of matter IP related to proprietary, stabilized scFvs



Ivonescimab's unique structure and geometry – and resulting cooperative function – is challenging to replicate. Alternative constructs risk not reproducing ivonescimab's superior efficacy and safety in clinical practice.



Development programs across key late-stage competitors in numerous P3s with PFS & OS readouts, paving the way for

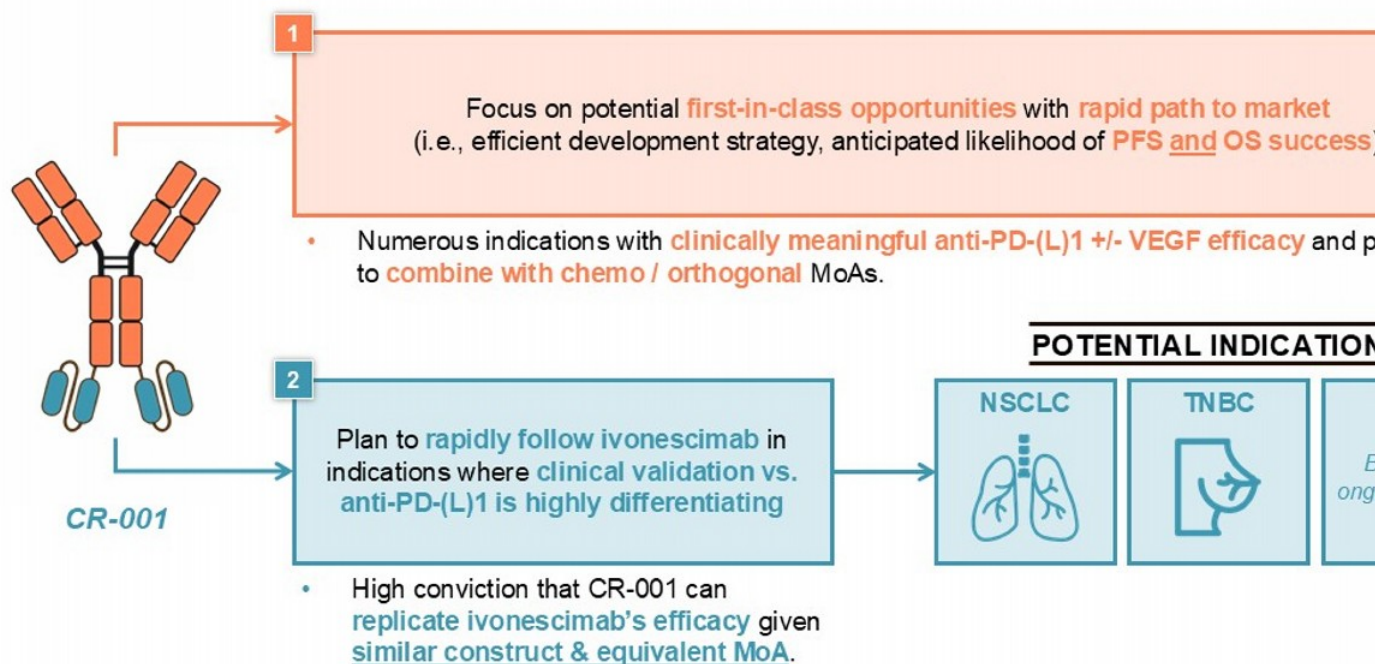
Company	Program	Indication	Population	Combo	Phase	Timing		
						2025	2026	2027
	 Ivonescimab (China / Australia)	mNSCLC	★ 1L PD-L1+	None	3	OS readout expected in 2025		
			★ 1L squamous	Chemo	3	OS readout expected in 2025		
	 Ivonescimab (Global)	mNSCLC	★ 1L NSQ & SQ	Chemo	3	OS readout expected in 2027		
			★ 1L PD-L1+*	None	3	To be announced		
	 BNT327 (Global)	Multiple global Phase 2/3s and Phase 3s planned between Summit, BioNTech, and Merck				To be announced		
						To be announced		
						SCLC		
						TNBC		
						NSCLC		

Multiple Phase 3s across leading PD-(L)1 x VEGF programs, with similar expected cooperative CR-001, should generate a multitude of PFS & OS catalysts for years to come



*Summit has announced P3 in 1L PD-L1+ NSCLC, monotherapy vs. pembro, but has not released trial details.
 Notes: List of trials is not exhaustive. NSCLC = non-small cell lung cancer; TNBC = triple negative breast cancer; SCLC = small cell lung cancer; NSQ = non-squamous; SQ = squamous.
 PFS and OS readouts estimated based on PEP (primary endpoints) and completion dates listed on ClinicalTrials.gov.
 Sources: ClinicalTrials.gov; Company websites; Company presentations

Parallel clinical development paths offer potential for both first-in-class and lower risk opportunities for CR-001

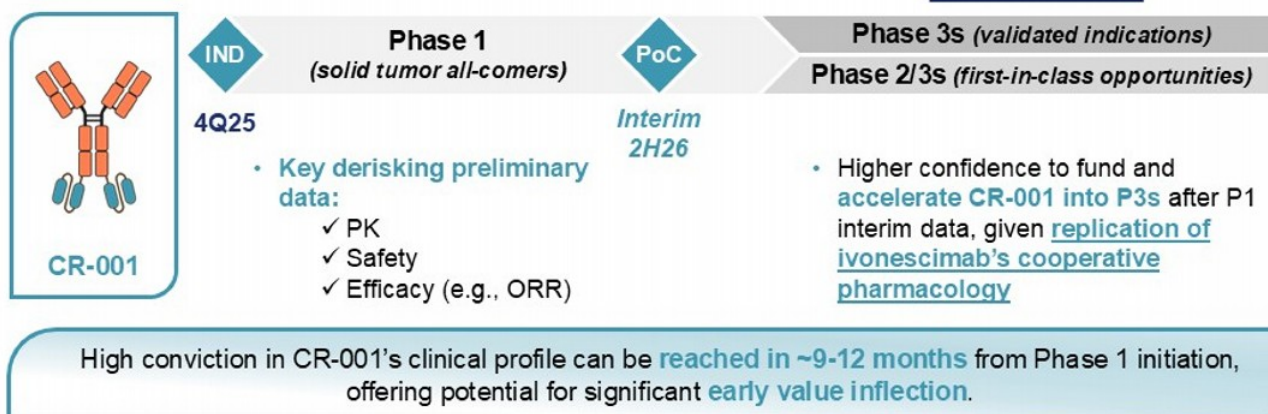


CR-001 Phase 1 data offer potential for early de-risking – a for a solid tumor oncology program

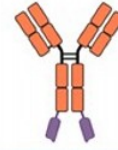
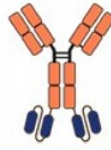
Phase 1 interim proof-of-concept data are a potentially **significant value-generating event** for CR-001.

- Preliminary data from early Phase 1 cohorts **provide substantial validation of program** because CR-001's **structural preclinical data are similar to ivonescimab**.
- Early Phase 1 data, as single agent and in combination with SoC, rapidly enable late-stage development **in multiple so types, unlocking broad first-in-class and fast-follower opportunities**.
- CR-001 is **markedly differentiated** from **novel constructs disconnected from ivonescimab's MoA**. Alternative form: **significantly more patients' worth of safety and efficacy data** in tumor-specific expansion cohorts and/or Phase 2s to conviction before initiating Phase 3s.

ILLUSTRATIVE



Scarcity of known constructs with potential to exhibit ivonescimab-like cooperative pharmacology and design



	Anti-PD-1 scFv-based		Anti-PD-1 VHH-based	Anti-PD-1 IgG
Program	CR-001	Ivonescimab	LM-299	BNT111
Company	CRESCENT BIOPHARMA	Summit therapeutics Akesobio	MERCK LaNova 礼新医药	BIONTECH
Stage	Preclinical	Phase 3 (Global)	Phase 1/2 initiation (China)	Phase 2 (Global)
Anti-VEGF IgG	Bevacizumab	Bevacizumab	Bevacizumab	Bevacizumab
Anti-PD-(L)1	Anti-PD-1 scFvs	Penpulimab scFvs	Novel anti-PD-1 VHHs	Novel anti-PD-1 mAb
Fc function	Fc null, to avoid potential AEs	Fc null, to avoid potential AEs	Fc null, to avoid potential AEs	Fc null, to avoid potential AEs
Cooperative pharmacology	✓	✓	Expected (not disclosed); unclear impact of VHH structure	Expected (not disclosed); unclear impact of mAb structure

Examples of alternative constructs

- Anti-PD-L1 IgG, with enhanced ADCC
- VEGF trap

- Anti-PD-1 mAb with off-target VEGFR2 binding through same variable domains

- Anti-PD-1 IgG
- Novel anti-VEGF VHHs
- Inverted format



Sources: Internal data; Summit Therapeutics 2023 SITC Poster; BioNTech 2024 ESMO Presentation; LaNova patent filings; Various patent filings; 2017 Lee (Scientific Reports); 2007 Rudge (PNAS)

CR-001 preclinical data reproduce ivonescimab's breakthrough pharmacology & are rapidly advancing to generate significant



Unprecedented third-party data validate PD-1 x VEGF cooperativity

Ivonescimab significantly improved PFS versus pembrolizumab in Phase 3 in 1L NSCLC – the first therapy to do so head-to-head.



Transformative MoA for \$50B+ market

Poised to transform NSCLC standard of care, with broad application across \$50B+ anti-PD-(L)1 market.



CR-001's proprietary engineering is designed to replicate ivonescimab

CR-001 is a highly potent PD-1 x VEGF bsAb reproducing cooperative binding qualities critical to ivonescimab.



Promising next-g

CR-002 and complemen opportunities

CR-002 & CR-003

*Topoisomerase inhibitor ADCs
against validated targets*

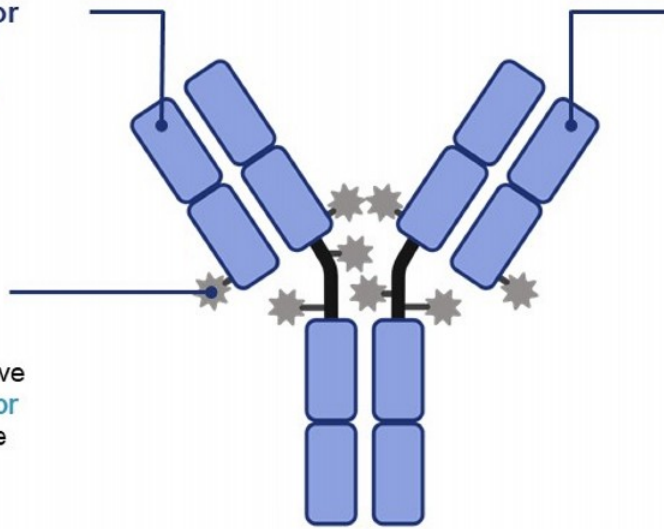
CR-002 and CR-003 are potentially best-in-class topoisomerase inhibitor ADCs, with applicability across solid tumors

Validated, undisclosed solid tumor ADC targets

- Each unique target has **potential in multiple solid tumor** indications

Best-in-modality topoisomerase inhibitor payloads

- Topoisomerase inhibitor payloads have **consistently demonstrated superior efficacy and safety** over microtubule inhibitor payloads
- Each ADC is expected to have **bystander-killing effect**



Potential to synergize and other immunotherapy

- Each ADC can be **leveraged in combination studies**
- Multiple **indications (L1 x VEGF bispecific) and separate development** help de-risk clinical program combinations

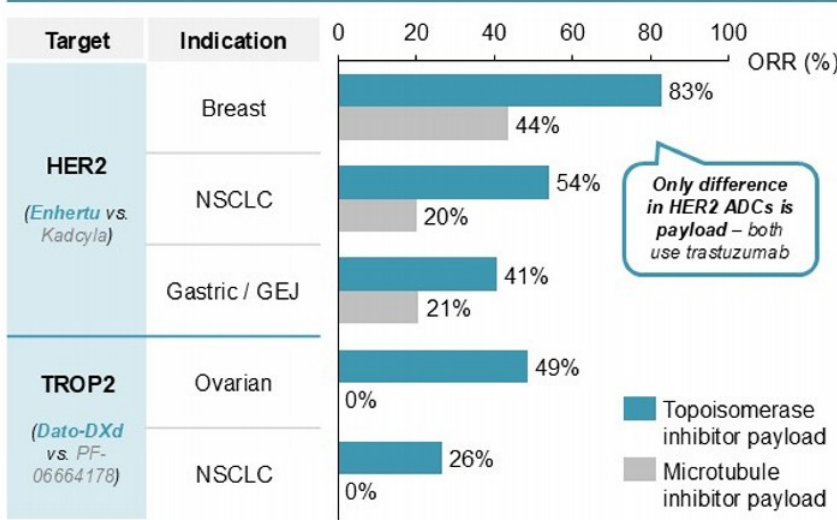
Targets for CR-002 and CR-003 to be disclosed as programs approach IND.

ADCs with topoisomerase inhibitor payloads have demonstrated best-in-modality efficacy and safety

CROSS-TRIAL C

Topol payload-based ADCs have demonstrated superior ORR vs. microtubule inhibitor-based ADCs in cross-trial comparisons...

... and have shown much lower rates of peripheral critical AE that can drive dose reductions & di



	Target	Molecule	Phase	ORR (%)
Topol payload	HER2	Enhertu	A	13%
	TROP2	Dato-DXd	R	2%
	HER3	Patritumab-DXd	R	0%
	B7-H3	Ifinatumab-DXd	3	0%
	CDH6	Raludotatug-DXd	2	0%
MT payload	CD30	Adcetris	A	
	Nectin-4	Padcev	A	
	TF	Tivdak	A	
	HER2	Kadcyla	A	16%
	HER2	Disitamab vedotin	3	

CR-002 and CR-003 utilize the best-in-ADC payload in their potentially best-in-class profiles.



Notes: NSCLC = non-small cell lung cancer; GEJ = gastroesophageal junction; A = approved; R = in registration. PN rates are weighted averages, by number of patients, across indications / trials and include PN, PSN, PMN, and PSMN when separately measured; full list of trials and references available on request. Disitamab vedotin is approved in China and in Phase 3 development globally. Sources: Enhertu Label; 2024 Smit (Lancet Onc); Kadcyla Label; 2019 Peters (Clin Cancer Res); 2017 Thuss-Patience (Lancet Onc); 2024 Oaknin (ESMO Pres); 2024 Ahn (JCO); 2018 King (Invest New Drugs)

Corporate

Rapidly growing leadership team with deep experience build the next generation of biotechnology companies



Jonathan Violin
Interim CEO
Board of Directors



Chris Doughty
Chief Business Officer



Peter Harwin
Board of Directors



Alex Balcom
Board of Directors



Susan I
Board of D



Financing expected to fund Crescent programs through key anticipated value-generating catalysts

	2025	2026
CR-001 <i>(cooperative PD-1 x VEGF bsAb)</i>		2H: Initial clinical data
CR-002 <i>(undisclosed, ADC #1 with Topol payload)</i>	2H: DC	Mid-year: IND
CR-003 <i>(undisclosed, ADC #2 with Topol payload)</i>		1H: DC
Key external events	1H: BNT327 P2/3 EGFRm NSQ mNSCLC interim (China) 1H: Ivo P3 1L SQ mNSCLC interim (China) 2H: Ivo P3 HARMONi-2 1L mNSCLC OS (China) 2H: BNT327 P2/3 1L ES-SCLC interim (China) 2H: Ivo P3 HARMONi EGFRm NSQ mNSCLC interim (global) 2H: Ivo P3 HARMONi-A EGFRm NSQ mNSCLC completion (China)	Multiple P3 trials ongoing or planned (e.g., SCLC with numerous PFS & OS readouts expected in 2026)



Notes: mNSCLC = metastatic non-small cell lung cancer; TNBC = triple negative breast cancer; SCLC = small cell lung cancer; ES = extensive stage. NSQ = non-squamous; SQ = squamous; EGFRm = mutant EGFR.
Sources: ClinicalTrials.gov; Company websites

Estimated capitalization following close of transactions

		Shares on an as-converted basis	Expected ownership of the combined company
GlycoMimetics <ul style="list-style-type: none"> • Shares of common stock outstanding 		64,532,953	3.1%
Crescent Biopharma <ul style="list-style-type: none"> • Shares of common stock outstanding • Series A shares 		105,137,814	
			298,298,000
Pre-closing financing <ul style="list-style-type: none"> • Shares of common stock • Pre-funded warrants 		1,339,680,730	
			273,643,080
Estimated total shares of common stock of the combined company post-closing		2,081,292,577	





Thank you