Filed by Idera Pharmaceuticals, Inc. pursuant to Rule 425 Under the Securities Act of 1933 And Deemed Filed Pursuant to Rule 14a-12 Under the Securities Exchange Act of 1934 Subject Company: BioCryst Pharmaceuticals, Inc. Commission File No. of Subject Company: 000-23186

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Combining Capabilities to Serve More Patients with Rare Diseases

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## Additional Information and Where to Find It

#### Additional Information and Where to Find In

In connection with the proposed merger, Nautilus Holdco, Inc. ("Holdco") has filed with the U.S. Securities and Exchange Commission (the "SEC") a Registration Statement on Form S-4 (as may be amended from time to time, the "Registration Statement") that includes the preliminary joint proxy statement of BioCryst Pharmaceuticals, Inc. ("BioCryst") and Idera Pharmaceuticals, Inc. ("BioCryst") and Idera will constitute a prospectus of Holdco. These materials are not yet final and will be amended. Once the Registration Statement is declared effective by the SEC, each of BioCryst and Idera will mail the definitive joint proxy statement/prospectus included therein to their respective stockholders. BioCryst, Idera and Holdco will also file other documents with the SEC regarding the proposed transaction. These documents are not substitutes for the definitive joint proxy/prospectus that will be filed by each of BioCryst and Idera will mailed to stockholders. BEFORE MAKING ANY VOTING DECISION, IDERA'S AND BIOCRYST'S RESPECTIVE STOCKHOLDERS ARE URGED TO READ THE DEFINITIVE JOINT PROXY STATEMENT/PROSPECTUS IN ITS ENTIRETY AND ANY OTHER DOCUMENTS FILED BY EACH OF IDERA AND BIOCRYST WITH THE SEC IN CONNECTION WITH THE PROPOSED MERGER OR INCORPORATED BY REFERENCE THEREIN BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION ABOUT THE PROPOSED TRANSACTION. Investors and stockholders may obtain free copies of these materials and other documents filed with the SEC (when available) by BioCryst, Idera and Holdco through the website maintained by the SEC at www.sice.gov. Idera and BioCryst may compare the set of the set...

#### Participants in the Solicitation

This document does not constitute a solicitation of proxy, an offer to purchase or a solicitation of an offer to sell any securities. Idera, BioCryst and their respective directors, executive officers and certain employees and other persons may be deemed to be participants in the solicitation of proxies from the stockholders of Idera and BioCryst in connection with the proposed merger. Security holders may obtain information regarding the names, affiliations and interests of Idera's directors and officers in Idera's Annual Report on Form 10-K for the fiscal year ended December 31, 2016, which was filed with the SEC on April 28, 2017. Security holders may obtain information regarding the names, affiliations and interests of BioCryst's directors and officers in BioCryst's Annual Report on Form 10-K for the fiscal year ended December 31, 2016, which was filed with the SEC on February 27, 2017 and its definitive proxy statement for the 2017 annual meeting of stockholders, which was filed with the SEC on February 27, 2017 and its definitive proxy statement for the 2017 annual meeting of stockholders, which was filed with the SEC on February 27, 2017 and its definitive proxy statement for the 2017 annual meeting of stockholders, which was filed with the SEC on April 28, 2017. Security holders may obtain information about the interests of BioCryst's directors and officers in BioCryst's Annual Report on Form 10-K for the fiscal year ended December 31, 2016, which was filed with the SEC on February 27, 2017 and its definitive proxy statement for the 2017 annual meeting of stockholders, which was filed with the SEC on February 27, 2017 and its definitive proxy statement for the 2017 annual meeting of stockholders, which was filed with the SEC Registration Statement. These documents may be obtained free of charge from the SEC's website at www.sec.gov, Idera's website at www.iderapharma.com and BioCryst's website at www.iderapharma.com and BioCryst's website at www.iderapharma.com and BioCryst's website at www.iderapharma.

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### **Forward-Looking Statements**

These materials contain forward-looking statements within the meaning of the federal securities law, regarding, among other things, future events or the future financial performance of Idera and BioCryst. Such statements are based upon current plans, estimates and expectations will be achieved. Words such as "anticipate," "expect," projet," intend, "believe," may, "will, "should," citaget," contemplate, "estimate," predict, "plan," could, "target," contemplate, "estimate," predict, "proteinal" and words and terms of similar substance used in connection with any discussion of future plans, actions or events identify forward-looking statements, and intensions, state based on information currently available to ldera and BioCryst and involve estimates, expectations and projections. Investors are cautioned that all such forward-looking statements, estimates and expectations and intentions, any assumptions underlying any of the foregoing, and any statements relating to the merger relation of the combined of the merger of isolates and BioCryst and involve estimates, expectations and projections. Investors are cautioned that all such forward-looking statements are subject to resks and uncertainties, and important factors that could cause actual events or results to differ materially from Idera's and BioCryst's plans, estimates or expectations. With respect to require disting to the merger, (ii) conditions to the closing of the merger may involve unexpected costs, liabilities or delays, (iv) the effect of the announcement of the merger on the ability of idera's or BioCryst's plans, estimates are assed on the merger, (iii) conditions to the closing of the merger disting the expectations and the regarding the expected benefits or bioCryst's respective businesses may suffer as a result of uncertainty surrounding the merger and BioCryst's plans. Actioned that all such forward-looking statements and plans and becress to ability of idera's or BioCryst's respective businesses may suffer as a result of uncertainty surrounding t

While the list of factors presented here is, and the list of factors presented in the Preliminary Registration Statement is, considered representative, no such list should be considered to be a complete statement of all potential risks and uncertainties. Unlisted factors may present significant additional obstacles to the realization of forward looking statements. Consequences of material differences in results as compared with those anticipated in the forward-looking statements could include, among other things, business disruption, operational problems, financial loss, legal liability to third parties and similar risks, any of which could have a material adverse effect on BioCrysts or Idera's consolidated financial condition, results of operations, credit rating or liquidity. Readers are urged to consider these factors carefully in evaluating these forward-looking statements, and not to place undue reliance on any forward-looking statements. Readers should also carefully review the risk factors described in other documents that Idera and BioCrysts file from time to time with the SEC. The forward-looking statements peak only as of the date of this document. Except as required by law, Idera and BioCryst assume no obligation to update or revise these forward-looking statements for any reason, even if new information becomes available in the future.

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### **Combination Creates Substantial Value**

- A unique player in rare diseases, with scale and strengthened competitive position
- More opportunities for success through diversified late-stage pipeline, variety of early stage programs and supporting assets
- Synergistic discovery engines with enhanced development opportunities, including through joint small molecule and oligo treatments
- Best-in-class people, facilities and commercial know-how in rare diseases
- Increased financial strength and flexibility through significant cost synergies and opportunities to generate non-dilutive capital

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# **Combination Highlights**

Terms	<ul> <li>Stock for stock transaction</li> <li>Each share of BioCryst to be converted into 0.50 shares of new company stock</li> <li>Each share of Idera to be converted into 0.20 shares of new company stock</li> </ul>						
Ownership at Closing	BioCryst stockholders to own 51.6% of new company and Idera stockholders to own 48.4%, on a fully diluted basis						
Cash Position	<ul> <li>~\$243 million net cash balance*</li> <li>Opportunities for non-dilutive capital</li> </ul>						
Board of Directors	<ul> <li>New board comprised of 4 BioCryst directors, 4 Idera directors, and 1 new independent director</li> <li>Robert Ingram, Chairman of the Board of Directors (current BioCryst Chairman)</li> <li>Jon Stonehouse, CEO of BioCryst, to join Board</li> <li>Vincent Milano, CEO of Idera, to join Board</li> </ul>						
CEO, Headquarters, and Research Center	Vincent Milano, Chief Executive Officer     Headquarters: Exton, PA     Research Center: Birmingham, AL						
Closing Conditions	Subject to approval of BioCryst and Idera stockholders     Subject to other customary closing conditions						
Voting Agreement	A significant stockholder of each company has agreed to enter into a voting and support agreement and has agreed to vote in favor of the transaction. This stockholder owns ~9% of outstanding Idera shares and ~14% of outstanding BioCryst shares.						
Transaction Close	Expected in second quarter 2018						

# **Creating a Leader in Innovative Rare Disease Therapies**



Developing Oral Therapies for Life Threatening Rare Diseases Small Molecule Rare Disease

Discovery Engine

2 Late Stage Programs

Lead Candidate: **BCX7353** Prophylactic HAE



Rare Disease Company with Strong Immuno-Oncology Assets

Oligo Rare Disease Discovery Engine

2 Late Stage Programs

Lead Candidate: **IMO-2125** PD-1 Refractory Melanoma



#### Patient-Centric Rare Disease Culture and Approach

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#### **Robust Pipeline**

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- 2 Phase 3 orphandesignated programs with compelling data
- 2 additional Phase 2 rare disease programs
- 9 total rare disease programs
- 4 supporting asset programs

\* Unaudited pro-forma cash balance as of December 31, 2017

#### Synergistic Discovery Engines

- Significant experience with 2 distinct engines
- Expands number of rare disease targets beyond standalone capabilities
- Creates opportunities for differentiation in the market

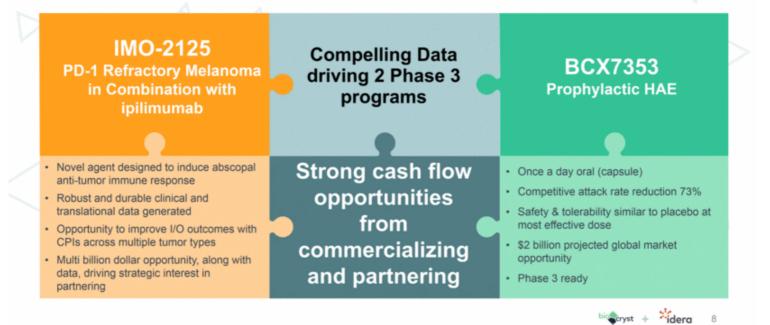
#### **Financial Strength**

- \$30 million in annual pre-tax cost synergies expected by year three after closing
- ~\$243 million net cash balance\*
- Opportunities to add cash through partnering and other programs

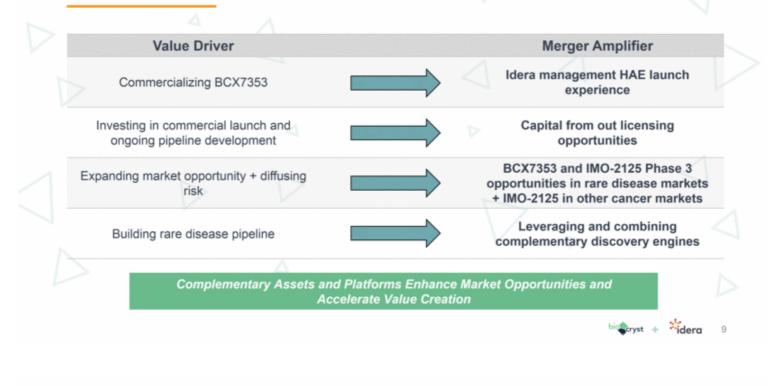
#### Complementary Leadership

- Proven commercial team; launched 1<sup>st</sup> prophylactic HAE product
- Extensive clinical development experience

# Phase 3 Programs Create Financially Strong Foundation to Support Robust, Rare Disease Focused Pipeline



# Merger Upside: Maximizing Value and Market Potential



### Synergistic Discovery Engines with Enhanced Development Opportunities

- Ability to leverage both structure-guided small molecule design and nucleic acid/oligonucleotide chemistry within one organization
  - Combination therapy of small molecule and oligo may create more effective and potentially unique treatments for rare diseases
  - Combining technologies expands number of rare disease targets that can be advanced into development

#### Testable hypotheses

- · Small molecule-oligonucleotide conjugates targeted to specific tissue types
- Combination therapeutics with small molecules and oligos exploiting two different mechanisms of action

**Opportunity: Expanded Disease Targets and Potentially Unique Treatments** 

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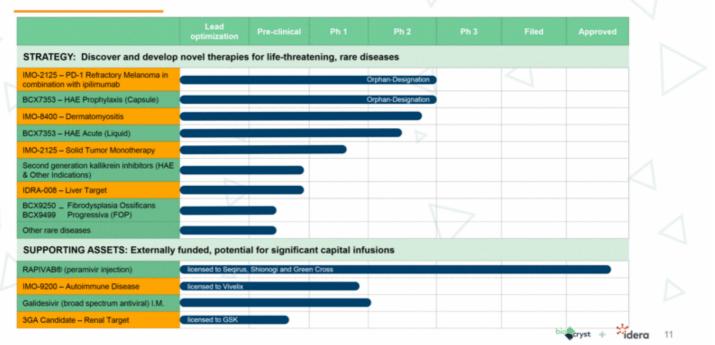
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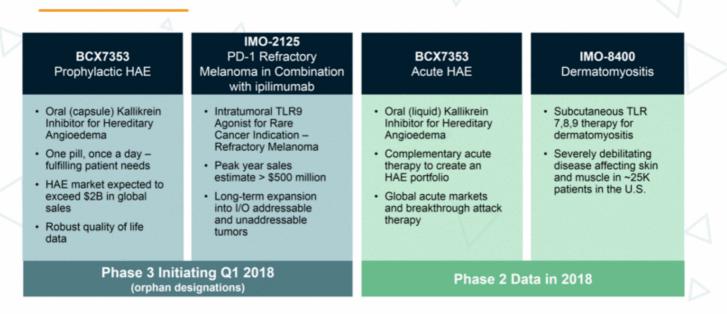
# Robust Rare-Disease Focused Pipeline

Idera

BioCryst



# Innovative Portfolio of Late-Stage Programs



# Proven Rare Disease Clinical & Commercial Track Record

>	CI inhibitor (huma	Immune Globulin Sub	Doutaneous Doutaneous 0% Liquid (Human), 105	Vigen* Mulin Intravenous % Liquid Kcent Prothrombin C Concentrate (F	omplex twancomyci	COCIN® HCI n hydrochloride capsules, USP)					
•	1 <sup>st</sup> prophylactic treatment of HAE Grew to ~\$400M in N.A. annual sales in 5 years	Led launch f	ior 5 global drive ~70% of nt revenue lizentra and	>245 HAE patients do CMOs clinical develop experience: Aranespe Kineret®, Neulasta® Taxotere® Bactroban Reliflex® Lovenox®, ( Augmentin®, Timentin	pment/launch ), Enbrel®, and Sensipar® ®, Relafen®/ Celectol®,	Treatment of C. difficile- associated diarrhea (CDAD) Grew to ~\$300M in annual sales					
Annual and	Vincent Milano Chief Executive Officer	Dan Soland Chief Operating Officer	William Sheridan, MB BS Chief Medical Officer	Joanna Horobin, MB ChB Chief Medical Officer	Lynne Powell Chief Commercial Officer	Clayton Fletcher VP, Strategy/ Bus. Development					
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# 2018: Significant Near-Term Value-Building Events

#### Q1 • BCX 7353

Initiate <u>APEX-2 Ph 3</u> Pivotal Trial in HAE prophylaxis

### Q1 • IMO-2125

Initiate <u>ILLUMINATE 301 Ph 3</u> Pivotal Trial in PD-1 Refractory Metastatic Melanoma in combination with ipilimumab

#### Q2 • IMO-8400

Data available from <u>PIONEER Phase 2</u> Trial in Dermatomyositis

### Q2 • IMO-2125

ILLUMINATE 204 Phase 2 Trial in PD-1 Refractory Metastatic Melanoma in combination with ipilimumab – update at ASCO 2018

### BCX 7353

Data from <u>ZENITH-1 Phase 2</u> Study in Acute HAE

#### IMO-2125

Complete enrollment in <u>ILLUMINATE 204</u> <u>Phase 2</u> Trial in PD-1 Refractory Metastatic Melanoma

### STRATEGIC

Potential partnering and additional business development activities

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# Solid Capital Position & Meaningful Operational Synergies

#### ~\$243 million net cash balance\*

- Capital for continued clinical development through next major milestone events and into Q3 2019
- Capital for commercial launch planning and preparation
- Multiple options for non-dilutive capital through renegotiating our debt, cash from in the money warrants and government stockpiling
- Opportunities to generate larger amounts of non-dilutive capital through partnering in the near term and commercializing in the long term
- Projected \$20 million in cash synergies in year two and approximately \$30 million in annual pre-tax cost synergies expected in year three after closing
  - Facilities consolidation: Headquarters to Exton, PA; research center to Birmingham, AL
  - Expense consolidation over time expected to create additional cost savings and benefits

Strong Combined Financial Profile with Opportunities to Generate Non-Dilutive Capital

\* Unaudited pro-forma cash balance as of December 31, 2017

# Wall Street Analysts Recognize Value of Combination

#### PiperJaffray.

"We view the merger favorably for creating pipeline "critical mass" (and risk diversification) versus clear clinical synergies, a direct correlation between the respective programs. We believe the merger adds strength in the form of 1) broader pipeline of rare disease candidates building on BioCryst's established '7353 clinical program, 2) deeper management team that combines an effective leadership track record in rare diseases (specifically HAE development and commercialization) with an emboldened balance sheet, and 3) 4-Phase II/III candidates to yield more value-creating milestones including Phase III enrollment and Phase II data anticipated in '18." (Piper Jaffray, 1/23/18)

#### JMP

"We like the merger for several reasons: 1) leadership gain for BCRX's oral kallikrein program in HAE (hereditary angioedema) as Vincent Milano has previously led the successful launch of the first prophylactic HAE product Cinryze which was later acquired by Shire (SHPG, NC); 2) portfolio diversification with a broader set of non-overlapping rare disease opportunities... 3) distinct discovery platforms combining BCRX's small molecule chemistry expertise with IDRA's oligos approach gives the new company more optionality when it comes to choosing the right modality for the right disease; and 4) the combined net cash balance of ~\$243M (unaudited pro forma cash as of 12/31/2017) strengthens the new company's financial resources to pursue current clinical operations, future commercial efforts and long-term ambition to become a major rare disease player with multiple shots on goal." (JMP Securities, 1/22/18)



\*...We believe [the combination] will provide enhanced HAE regulatory and commercial experience within a more diversified combined company framework that should help optimize the opportunity for BCRX's lead asset '7353 (prospects for which recently led us to upgrade BCRX shares to Outperform), synergize talents, increase newsflow, and ultimately drive long-term value." (RBC Capital Markets, 1/22/18)

"We believe that in addition to the BCRX's team's developmental, regulatory, and commercial preparation groundwork for 7353, IDRA's leadership brings key on-the-ground expertise interacting with FDA, physicians, and HAE advocacy groups which should substantially strengthen 7353's opportunity as the new company works to bring 7353 over the line and foster a switching dynamic. Importantly, we believe the IDRA team's diligence provides additional validation for 7353's clinical data (which has been a subject of debate, though we believe the efficacy is real), BCRX's initial regulatory progress, and the market need for an oral option in the disease." (RBC Capital Markets, 1/22/18)

#### Jefferies

"...Synergy between the companies will likely be derived from shared expertise in rare diseases. In a disease like HAE, where executing within a challenging competitive landscape could be critical, we believe additional expertise could actually increase chances of success. Further, we appreciate how the separate expertise (BCRX w/ small molecules and IDRA w/ oligos) could be combined and leveraged in future rare disease pipeline innovation." (Jefferies, 1/23/18)

Note: Permission to use quotations neither sought nor obtained

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# **BioCryst & Idera Boards Carefully Evaluated Strategic Options**

#### Engaged, Well-Advised Boards

- BioCryst and Idera Boards comprised of highly experienced directors with extensive industry knowledge
- BioCryst Board of Directors met numerous times over last two years to discuss value enhancing opportunities for BioCryst
- Both Boards retained financial and legal advisors to assist in the evaluation
- Reviewed Alternative Value Enhancing Strategies
- BioCryst and Idera Boards Engaged in Discussions with Numerous Potential Partners

Both Boards Determined Merger Made Strategic Sense and is a Unique Opportunity to Enhance Stockholder Value

### **Combination Creates Substantial Value**

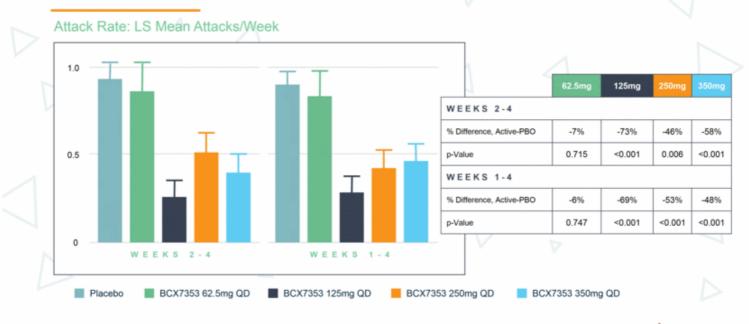
- A unique player in rare diseases, with scale and strengthened competitive position
- More opportunities for success through diversified late-stage pipeline, variety of early stage programs and supporting assets
- Synergistic discovery engines with enhanced development opportunities, including through joint small molecule and oligo treatments
- Best-in-class people, facilities and commercial know-how in rare diseases
- Increased financial strength and flexibility through significant cost synergies and opportunities to generate non-dilutive capital

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# APeX-1: Overall Angioedema Attack Rate per Week, PP Population, Weeks 2-4 and 1-4



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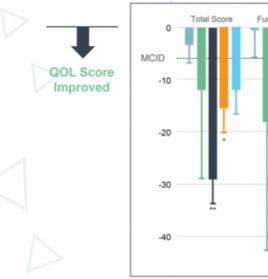
### APeX-1: 125 mg Dose Provided Consistent Reductions in Attack Rate

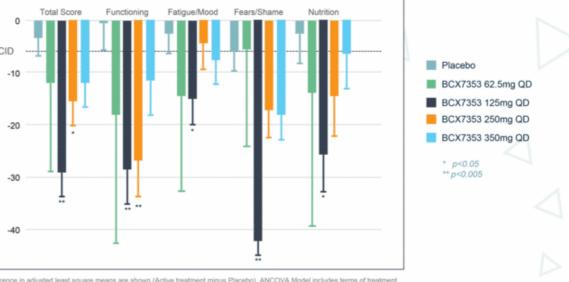
Analysis	n	LS mean <sup>1</sup> Attacks	per Week	Difference vs	Percentage Reduction vs	p-Value vs	
Analysis		BCX7353 125 mg	Placebo	Placebo	Placebo	Placebo	
Confirmed attacks, Weeks 2-4 PP population	13	0.248	0.932	-0.684	73%	<0.001	]
Confirmed attacks, Weeks 2-4 ITT population	14	0.249	0.937	-0.688	73%	<0.001	
Confirmed attacks, Weeks 1-4 PP population	13	0.278	0.895	-0.617	69%	<0.001	
Confirmed attacks, Weeks 1-4 ITT population	14	0.270	0.890	-0.619	70%	<0.001	
Confirmed attacks requiring treatment, Weeks 2-4 PP population	13	0.221	0.807	-0.585	73%	<0.001	
Confirmed attacks requiring treatment, Weeks 2-4 ITT population	14	0.224	0.771	-0.546	71%	0.002	k
Confirmed attacks requiring treatment, Weeks 1-4 PP population	13	0.221	0.788	-0.567	72%	<0.001	]
Confirmed attacks requiring treatment, Weeks 1-4 ITT population	14	0.217	0.753	-0.536	71%	<0.001	1

1 Least squares mean calculated using an ANCOVA model with qualifying attack rate as covariate

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### APeX-1: Angioedema Quality of Life (AE-QoL): LS Mean Change from BL at Day 29, PP





Difference in adjusted least square means are shown (Active treatment minus Placebo). ANCOVA Model includes terms of treatmen and adjusted qualifying attack rate. Reductions (negative changes from BL) represent improvement in quality of life scores. MCID, minimum clinically important difference, -6 points (Weiter, K. 2016. Allergy 71(8): 1203-1209.) BCX7353 dose level compared with placebo

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# **APeX-1: Treatment-Emergent Adverse Event Summary**

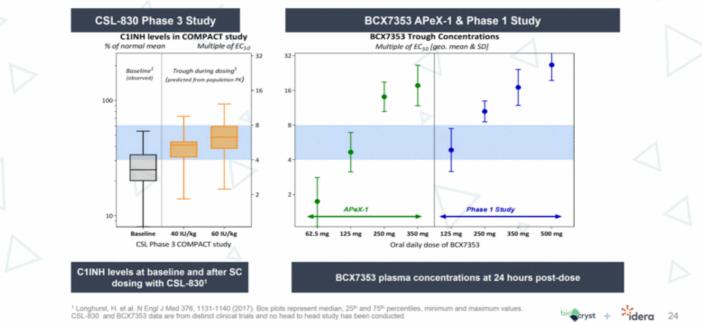
	BCX7353				
Category	<b>62.5 mg</b> N = 7	<b>125 mg</b> N = 14	<b>250 mg</b> N = 14	<b>350 mg</b> N = 18	Placebo N = 22
Subjects with any TEAE <sup>1</sup> , n (%)	4 (57)	7 (50)	11 (79)	14 (78)	15 ( 68.2)
Subjects with any Serious AE, n (%)	0	0	1 (7) <sup>2</sup>	0	0
Subjects with Drug-Related Grade 3/4 AE, n (%)	0	0	0	1 (6)	0
Subjects with AE Leading to D/C from Study Drug, n (%)	0	0	0	3 (17)	0
Non-drug-related, n (%)	0	0	0	1 (6) <sup>3</sup>	0
Drug-related, n (%)	0	0	0	2 (11) <sup>4,5</sup>	0

 TEAE- treatment-emergent adverse event.
 Gl infection- investigator assessed as unrelated to study drug. Abdominal symptoms similar to several previous non-HAE-attack episodes occurring over past 3 years resulting in severe vomiting and diarrhea. Pt presented to ER and hospitalized for IV fluids and antiemetics as a precaution. No HAE acute attack meds given. Recovered and discharged the following day. Missed 1 day of dosing due to event.

<sup>b</sup> Pre-existing liver disorder (improved from baseline, but persisting). Previously reported in 1<sup>st</sup> interim analysis.
 <sup>4</sup> n=1 Gastroenteritis with liver disorder (both assessed as related) (elevated ALT 1.9x ULN, GGT 5.4x ULN and ALP 1.6x ULN, with normal AST and bilirubin). Previously reported in 1<sup>st</sup> interim analysis.
 <sup>5</sup> n=1 Vomiting/abdominal cramps. Previously reported in 2<sup>st</sup> interim analysis.

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# APeX-1: Exposure Comparisons of BCX7353 and SC C1INH



<sup>1</sup> Longhurst, H. et al. N Engl J Med 376, 1131-1140 (2017). Box plots represent median, 25<sup>th</sup> and 75<sup>th</sup> perce CSL-830 and BCX7353 data are from distinct clinical trials and no head to head study has been conducted

# Predictable PK Supports 175 mg as Second Dose in Phase 3

Dose,	% > 4 x EC <sub>50</sub>		% > 6	x EC <sub>50</sub>	% > 8 x EC <sub>50</sub>		
mg QD	Predicted	Actual	Predicted	Actual	Predicted	Actual	
62.5	-	0		0		0	
125	70	64	38	43	17	0	
175	93		80		58		
200	97		88		73		
225	98		93		83		
250	100	100	97	100	93	100	

- Given the predictable PK of BCX7353, simulations are helpful in selecting an intermediate dose of BCX7353 to study that is between 125 mg and 250 mg.
- These simulations suggest a relatively small increase in dose above 125 mg should achieve a significant increase in the proportion of subjects achieving trough levels above the therapeutic target.
- These simulations suggest 175 mg dose should maintain trough drug levels > 4 x EC<sub>50</sub> in > 90% of patients.
- Doses ≥ 200 mg offer little additional increment in proportions achieving target level.

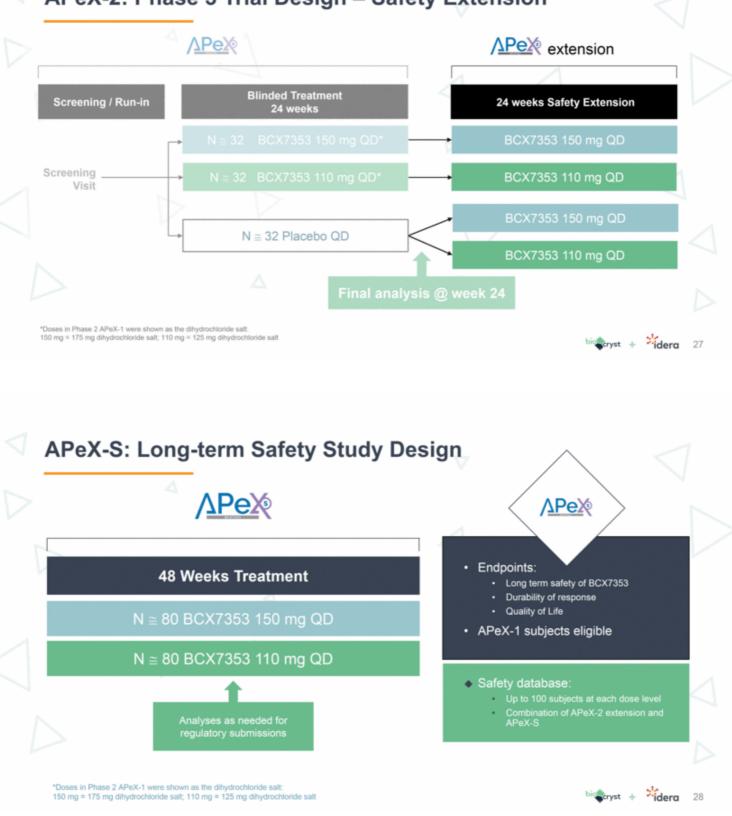
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APeX-2: Phase 3 Trial Design ΔΡе≫ <u> ЛРеХ</u> **Blinded Treatment** Screening / Run-in 24 weeks Primary endpoint at Week 24: · Rate of Investigator-confirmed HAE attacks through entire treatment period Screening Study powered at >90% to detect  $N \cong 32$  BCX7353 110 mg QD\* Visit a ≥50% reduction in attack rate over placebo N ≈ 32 Placebo QD Final analysis @ week 24

\*Doses in Phase 2 APeX-1 were shown as the dihydrochloride salt: 150 mg = 175 mg dihydrochloride salt; 110 mg = 125 mg dihydrochloride salt

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# APeX-2: Phase 3 Trial Design – Safety Extension



# Phase 1/2 Study in Anti-PD-1 Refractory Melanoma

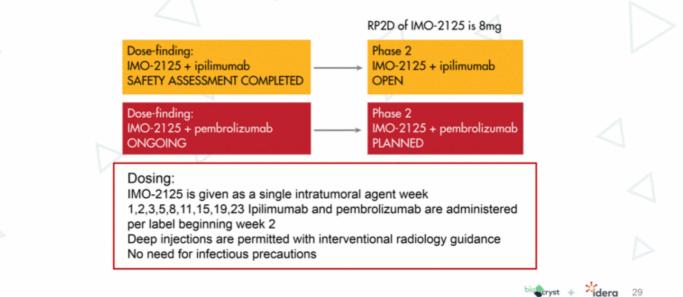


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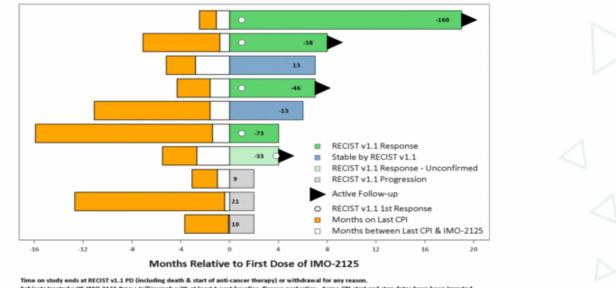
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Phase 2 Expansion with Ipilimumab Enrolling



### Time on Study: Best RECIST v1.1 Response and Largest Percentage Decrease in Target Lesions (8mg subjects)



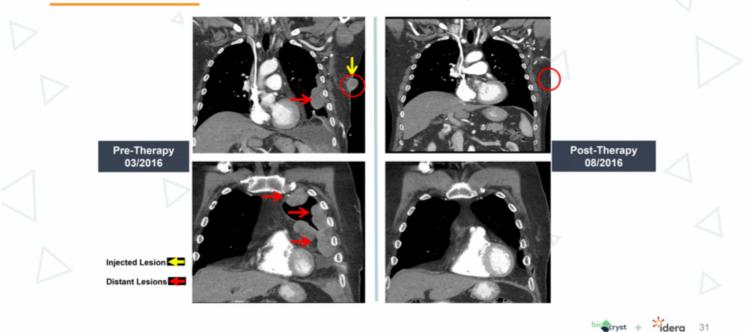
Subjects treated with IMO-2125 Bmg + Ipilimumab with at least 1 post-baseline disease evaluation. Some CPI start and stop dates have been imputed Data cut-off date: 03NOV2017 Produced on 11DEC2017

# Patient 004 Remains a CR since May 2016



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# **Phase 1 Conclusions**

- The combination of IMO-2125 with ipilimumab was tolerable at all dose levels studied;
- Dendritic cell activation, detectable within 24 hours of the first IMO-2125 injection, is evidence for target acquisition at the Recommended Phase 2 Dose (8mg);
- IMO-2125 with ipilimumab showed clinical activity at the RP2D of 8mg in anti-PD-1 refractory melanoma;
  - 5 of 10 (50%) responded;
  - 7 of 10 (70%) experiencing disease control; and
  - An additional PR of >1year has been reported at 4mg
- Dose finding for IMO-2125 with pembrolizumab is ongoing, and one partial response (PR) has been seen.

# Phase 2 Expansion Update



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- Ipilimumab Combination Phase 2 Trial Expansion Targeting approximately 60 patients with PD-1 refractory metastatic melanoma treated with 8mg
  - · 21 patients enrolled
  - · 10 Centers (5 sites currently enrolling)
    - · MD Anderson, Roswell Park, Vanderbilt, Huntsman, Uni. of Arizona
  - Open label design
    - · Allows for periodic data updates
    - · Opportunistic engagements with regulatory authorities



# Phase 3 Readiness (FPFV 1Q18)



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- Agreement with FDA and MHRA on design and path forward for regular and accelerated approval (one study)
- Fast Track Designation Granted by U.S. FDA in Q4 2017
- Global trial (US, Can, EU, Aus)
  - ~300 patients
  - ~70 sites planned
- CMC work on track for 1Q18 start
  - · Commercial presentation of IMO-2125 will be used
- · Regulatory filings underway
  - · Open U.S. IND
  - CTA filings on track



