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): July 26, 2023

KRYSTAL BIOTECH, INC.

(Exact name of registrant as specified in its charter)

82-1080209 (IRS Employer Identification Number)

Delaware (State or other jurisdiction of incorporation) 001-38210 (Commission File Number) 2100 Wharton Street, Suite 701

Pittsburgh, Pennsylvania 15203 (Address of principal executive offices, including Zip Code) Registrant's telephone number, including area code: (412) 586-5830

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)

D 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:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock	KRYS	Nasdaq Global 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 \Box

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 July 26, 2023, Krystal Biotech, Inc. (the "Company") announced it has expanded its R&D pipeline to oncology and that the U.S. Food and Drug Administration has accepted its Investigational New Drug application of its lead oncology drug candidate, KB707 for the treatment of locally advanced or metastatic solid tumor malignancies. In addition, the Company will host an investor conference call at 8:00 a.m. ET on July 27, 2023, to discuss the KB707 program. For purposes of the call, the Company will provide an investor slide presentation (the "Investor Slide Presentation"), which is available on the "Investors" section of the Company's website at www.krystalbio.com. Copies of the variable on the "Investors" section of the Company's website at www.krystalbio.com.

The information contained in Item 7.01 of this Current Report on Form 8-K, including Exhibit 99.1 and Exhibit 99.2, shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that Section, or incorporated by reference in any filing with the Securities and Exchange Commission by the Company under the Exchange Act or the Securities Act of 1933, as amended, whether made before or after the date hereof, regardless of any general incorporation language in such filing, except as shall be expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No.	Description
99.1	Press Release, dated July 26,2023.
99.2	Investor Slide Presentation, dated July 202

104 Cover Page Interactive Data file (embedded within the Inline XBRL document)

SIGNATURES

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

Date: July 26, 2023

KRYSTAL BIOTECH, INC.

By: /s/ Krish S Name: Krish S Title: Chairm

/s/ Krish S. Krishnan Krish S. Krishnan Chairman and Chief Executive Officer

Krystal Biotech Announces Pipeline Expansion into Oncology and FDA Acceptance of IND Application for Lead Oncology Candidate KB707

PITTSBURGH, July 26, 2023 (GLOBE NEWSWIRE) – <u>Krystal Biotech, Inc.</u> (the "Company") (NASDAQ: KRYS), a commercial-stage biotechnology company focused on the discovery, development and commercialization of genetic medicines to treat diseases with high unmet medical needs, announced today that it has expanded its R&D pipeline to oncology and that the US Food and Drug Administration (FDA) has accepted its Investigational New Drug (IND) application of its lead oncology drug candidate KB707 for the treatment of locally advanced or metastatic solid tumor malignancies. The Company will host an investor conference call and webcast, Thursday, July 27, 2023, at 8:00 am ET, to discuss the KB707 program. To join the investor conference call, please see the instructions below. The presentation for the

"The KB707 program leverages our learnings and clinical experience in two tissue areas, the skin and the lung, and underscores the broader potential of our HSV-1 platform to deliver all types of exogenous genetic material and improve outcomes for patients with debilitating diseases," said Krish S. Krishnan, Chairman and CEO of Krystal Biotech.

KB707 is a modified HSV-1 vector designed to deliver genes encoding both human IL-12 and IL-2 to the tumor microenvironment and promote systemic immune-mediated tumor clearance. Two formulations of KB707 are in development, a solution formulation for transcutaneous injection and an inhaled (nebulized) formulation for lung delivery.

"We believe KB707 is a unique and highly differentiated drug candidate with the potential to unlock the capabilities of cytokine-based immunotherapy," said Suma Krishnan, President of Research & Development at Krystal Biotech. "By enabling localized and sustained cytokine expression within a treated tumor, KB707 has the potential to maximize therapeutic efficacy while avoiding the tolerability challenges of systemic cytokine treatments."

The FDA has accepted the Company's IND to evaluate intratumoral KB707 in patients with solid tumors accessible by transcutaneous injection, and the Company expects to initiate a Phase 1 study in the second half of 2023. The Company is planning to file an amendment to the KB707 IND in the second half of 2023 to evaluate inhaled KB707 in a clinical trial in the first half of 2024.

Interleukin-2 (IL-2) and interleukin-12 (IL-12) are secreted cytokines with complementary functions promoting cell-mediated immunity in humans. Both IL-2 and IL-12 have been shown to elicit anti-tumor immune responses in preclinical or clinical models and have been extensively studied for their potential in cancer immunotherapy. Despite promising signs of efficacy, it has proven difficult to effectively harness IL-2 and IL-12 for therapeutic benefit, as systemic administration is often poorly tolerated, and their inherently short half-lives necessitate high dose levels and extremely frequent dose intervals. KB707 leverages the Company's modified HSV-1 vector – and its ability to efficiently deliver a durable DNA payload without active replication and minimal cytotoxicity – to drive local and sustained cytokine expression within the tumor microenvironment and maximize the therapeutic window and benefit of IL-2 and IL-12.

"There remains an urgent unmet need for new therapies in cutaneous oncology, including for patients that do not respond to current first-line options and for the many who eventually progress on available therapy," said Jason Luke, MD, Associate Professor of Medicine in the Division of Hematology/Oncology and Director of the Cancer Immunotherapeutic Center within UPMC Hillman Cancer Center Immunology and Immunotherapy Program in Pittsburgh, PA. "As the lead investigator on multiple practice changing immunotherapy trials, I have seen first-hand the benefits that can be realized through effective immune

modulation and am excited about the potential of Krystal's approach for localized, sustained cytokine delivery."

In preclinical studies, KB707 has been shown to efficiently transduce mammalian cells *in vitro* leading to the secretion of bioactive IL-2 and IL-12 and can drive localized, durable cytokine expression in mouse skin after intradermal injection. Furthermore, in stringent checkpoint inhibitor refractory 'cold' syngeneic mouse models, HSV-1 vector based delivery of murine equivalent *IL2* and *IL12* elicited robust antitumor responses and survival benefits, including via intratumoral injection in single and dual flank B16F10 melanoma models, as well as via intratracheal delivery in a metastatic K7M2 osteosarcoma model, with evidence of protection from tumor rechallenge in both models suggestive of prolonged adaptive immunity.

The intratumoral KB707 Phase 1/Opal 1 study is an open-label, multi-center, monotherapy, dose escalation and expansion study, enrolling patients with locally advanced or metastatic solid tumors, who relapsed or are refractory to standard of care, with at least one measurable and injectable tumor accessible by transcutaneous route. The primary objective of the study is to evaluate safety and tolerability of KB707. Efficacy will also be assessed by multiple measures including overall response rate, progression free survival, and overall survival, and the immune effects of KB707 monotherapy will be assessed in tumor tissue, lymph nodes, and blood.

Investor Conference Call, Webcast and Presentation Information

The Company will host an investor conference call and webcast, Thursday, July 27, at 8:00 am ET, to discuss the KB707 program.

The conference call will include management's overview of the Company's expanded pipeline and research and development focus in oncology and discuss potential target indications as well as a summary of preclinical data and clinical development plans. External speakers will include Samuel Broder, M.D., former Director of the National Cancer Institute where he oversaw the development of numerous anti-cancer therapeutic agents, and Jason Luke, M.D., F.A.C.P., Associate Professor of Medicine in the Division of Hematology/Oncology and Director of the Cancer Immunotherapeutic Center within UPMC Hillman Cancer Center Immunology and Immunotherapy Program in Pittsburgh, PA.

To register and join the conference call, please go to: https://www.netroadshow.com/events/login?show=6a3175e6&confid=53637

For those unable to listen to the live conference call, a replay will be available on the Investor's section of the Company's website at www.krystalbio.com

About Krystal Biotech, Inc.

Krystal Biotech, Inc. (NASDAQ: KRYS) is a commercial-stage biotechnology company focused on the discovery, development and commercialization of genetic medicines to treat diseases with high unmet medical needs. VYJUVEK[™] is the Company's first commercial product, the first-ever redosable gene therapy, and the only medicine approved by the FDA for the treatment of dystrophic epidermolysis bullosa. The Company is rapidly advancing a robust preclinical and clinical pipeline of investigational genetic medicines in respiratory, oncology, dematology, and aesthetics. Krystal Biotech is headquartered in Pittsburgh, Pennsylvania. For more information, please visit <u>http://www.krystalbio.com</u>, and follow @KrystalBiotech on <u>LinkedIn</u> and <u>Twitter</u>.

Forward Looking Statements

Any statements in this press release about future expectations, plans and prospects for Krystal Biotech, Inc., including statements about the potential of the Company's proprietary HSV-1 platform, the Company's beliefs about the clinical utility of KB707 and its potential therapeutic capabilities, the Company expectations regarding the timing of a Phase 1 study of the transcutaneous injection formulation of KB707, the Company's plans to file an amendment to the KB707 IND in the second half of 2023 to evaluate inhaled KB707 in a clinical trial in the first half of 2024, and other statements containing the words "anticipate," "believe," "estimate," "expect," "intend," "may," "plan," "project," "target," "potential," "likely," will," "would," "should," "continue," and similar expressions, constitute forward-looking statements as a result of various important factors, including: uncertainties associated with regulatory review of clinical trials and applications for marketing approvals, the availability or commercial potential of product candidates including KB707, the sufficiency of cash resources and need for additional financing and such other important factors as are set forth under the caption "Risk Factors" in the Company's annual and quarterly reports on file with the U.S. Securities and Exchange Commission. In addition, the forward-looking statements included in this press release represent the Company's views as of the date of this release. The Company anticipates that subsequent events and developments will cause its views to change. However, while the Company evelot to update these forward-looking statements should not be relied upon as representing the Company's views as of any date subsequent to the date of this release.

Disclosures

Dr. Jason Luke is a consultant for Krystal Biotech, Inc.

CONTACT Investors and Media: Meg Dodge Krystal Biotech mdodge@krystalbio.com





Research & Development Oncology Program Announcement

July 2023

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Speakers

Krystal R&D Leadership



Suma Krishnan President, Research & Development



David Chien, MD SVP, Clinical Development – Oncology



Trevor Parry, PhD VP, Research and Scientific Affairs



Samuel Broder, MD

- Former Director of the National Cancer Institute where he oversaw the development of numerous anti-cancer therapeutic agents, such as TAXOL® and helped launch a number of large-scale clinical trials related to the prevention, diagnosis, and treatment of cancer, and he inaugurated the highly successful SPORE Program
- Authored over 340 scientific publications and is an inventor on many patents
- Elected to the National Academy of Medicine in 1991

Jason J. Luke, MD, FACP

- Associate Professor of Medicine in the Division of Hematology/Oncology at the University of Pittsburgh and UPMC Hillman Cancer Center
- Associate Director for Clinical Research and the Director of the
 Immunotherapy and Drug Development Center (Phase I) at UPMC
- Leading investigator in immunotherapeutics, having led trials of checkpoint inhibitors, bispecifics, metabolism modifiers, innate agonists, oncolytic viruses, and cellular therapies; over 150 publications
- Leadership roles for the Melanoma Committees of ASCO, Society for Melanoma Research, AACR and Board Member at SITC

XXX Krystal | 2

Forward-Looking Statements and Disclosures

Forward-Looking Statements

This presentation contains forward-looking statements that involve substantial risks and uncertainties and are based on the current expectations and beliefs of Krystal Biotech, Inc. (the "Company"). Any statements in this presentation about future expectations, plans and prospects for the Company, including but not limited to statements about the Company's technology platform; the Company's notology program, including the therapeutic approach, target indications for KB707, market opportunities, preclinical safety and efficacy of KB707, the design, conduct, and timeline of the planned KB707 clinical program, and the clinical utility of KB707 and expected timing of clinical updates constitute forward-looking statements within the meaning of The Private Securities Litigation Reform Act of 1995. Words such as "anticipate", "believe", "estimate", "could", "sontune", and undit," "contune" and similar expressions or the negative of these terms or other comparable terminology are intended to identify forward-looking statements, though not all forward-looking statements are neither forecasts, promises nor guarantees, and are based on the beliefs of the Company studiable to the Company. Actual results may differ materially from those indicated by such forward-looking statements as well as assumptions made by and information currently available to the Company, the Company review of clinical trials and applications for marketing approvals; the available to the Company. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, risks and uncertainties, including: the content and timing of decisions made by audiffer material discast in different disease indications will be indicative of the results of ongoing or future trials; uncertainties associated with regulatory review of clinical trials and applications for marketing approvals; the availability or commercial potential of product candidates; the ability on the key personne; the sufficincy of cas

Certain information contained in this presentation relates to or is based on studies, publications, surveys and other data obtained from third-party sources and the Company's own internal estimates and research. While the Company believes these third-party sources to be reliable as of the date of this presentation, it has not independently verified, and makes no representation as to the adequacy, fairness, accuracy or completeness of, any information obtained from third-party sources. 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 own internal research is reliable, such research has not been verified by any independent sources.

Disclosures

Dr. Jason Luke is a paid consultant of Krystal Biotech, Inc. The views expressed by Dr. Jason Luke in this presentation are his own views and not those of the University of Pittsburgh or UPMC.

Introduction	Krish Krishnan; Chairman and CEO
Krystal Oncology Program	
Therapeutic Approach & Target Indications	Suma Krishnan, MS, MBA; President, Research & Development
	Samuel Broder, MD
Preclinical Overview	Trevor Parry, PhD; VP, Research and Scientific Affairs
Clinical Program	David Chien, MD; SVP, Clinical Development
Lead Investigator's Perspective	Jason J. Luke, MD, FACP
Q&A	All Speakers
Closing	Krish Krishnan, Chairman and CEO



Oncology Program is Building on Our Foundation in Gene Delivery

Success and clinical experience in skin and lung gene delivery provides opportunity to target solid tumors of these tissues



1. Krystal Biotech, 2023: Vigiurek^{1W} (beremagne geoperparve-swdt) FDA Label; 2. Guide SV, et al. N Engl J Med, 2022; 387(24):2211 9; 3. Gurevich Let al. Nat Med 2022; 28.780 788; 4. Krishnan S, et al. Poster #169 at 2021 SID Annual Meeting (Virtual); 5. Paller A. Presentation at 2020 SID Annual Meeting (Virtual); 6. Krystal Biotech, Press Release July 3, 2023; 7. Parry T, et al. Poster #541 at 2021 NACFC (Virtual) Krystal Biotech, Data on File.

ARCI, autosomal recessive congenital ichthyosis; DEB, dystrophic epidermolysis bullosa; GLP, good laboratory practices; NHP, non human primates

Other than VYJUVEK, all products described in this presentation are investigational therapies

Major Unmet Needs in Checkpoint Inhibitor (CPI) Refractory Solid Tumors



1. NCI SEER. 2023; https://seer.cancer.gov/statfacts/html/common.html [accessed july 20, 2023], combined estimates for incident cases and deaths from cancers of the anus, bladder, bone and joint, brain and nervous system, breast, cervix uteri, colon and rectum, eosophagus, kidney and renal pelvis, larynx, liver and intrahepatic bile duct, lung and bronchus, melanoma, oral cavity and pharynx, ovary, pancreas, prostate, small intestine, stomach, testis, thyroid, uterus, and vulva SEER; Surveillance, Epidemiology, and End Results Program; US, United States

HSV-1 Based Vector Coded for the Local Delivery of Both IL-2 and IL-12

Cytokines with synergistic functions and therapeutic potential



Krystal Blotech, Data on File. Other than VYJUVEK, all products described in this presentation are investigational therapie



Other than VYJUVEK, all products described in this presentation are investigational therapies

Potential KB707 Target Indications for the Lung



Two Year Survival Rates on PD-1 Targeting CPI + Chemotherapy Nonsquamous NSCLC, Split by PD-L1 TPS^{1*}

39.3%	44.3%	52.2%		
PD-L1 Low	PD-L1 Mid	PD-L1 High		

- Over 238K new lung cancer cases and over 127K deaths estimated in US in 2023²
- CPI are increasingly used first-line but benefits from CPI transient and vary by PD-L1 expression level²⁻⁴
- In patients with low to mid PD-L1 expression, combination regimens with chemotherapy often used²⁻⁴
- New agents needed to improve patient outcomes in front-line and CPI refractory setting as well as reduce reliance on chemotherapy

1. Garassinio MC, et al. J Clin Oncol. 2023; 41(11): 1992-1998; 2. NCI SEER. 2023; https://seer.cancer.gov/statfacts/html/common.html [accessed July 20, 2023]; 3. Bodor JN, et al. J Oncol Proct. 2018; 14(9): 529-535; 4. Singh N, et al. J Clin Oncol. 2022; 40(28): 332-3343
*PD-L1 Low = TPS < 1%, PD-L1 Mid = TPS 1%-49%, PD-L1 High = TPS 2.50%

CPI, checkpoint inhibitor; NSCLC, non small cell lung cancer; PD-L1, programmed death-ligand 1; TPS, tumor proportion score; US, United States Other than VVJUVEK, all products described in this presentation are investigational therapies



Preclinical Research Objectives

Research program built on stringent preclinical models to support clinical development



IL-12/IL12, interleukin-12; IL-2/IL2, interleukin-2 Other than VYJUVEK, all products described in this presentation are investigational therapies

KB707 Transduction and Cytokine Secretion by Mammalian Cells In Vitro

Vector-derived, secreted IL-12 and IL-2 equivalently bioactive to commercial recombinant protein



Sustained Cytokine Expression After Intradermal Delivery to Mice

Vector genomes, cytokine transcripts, and protein detected out to seven days after single administration



Krystal Biotech, Data on File.

DNA, deoxyribonucleic acid; IL-12, interleukin-12; IL-2, interleukin-2; PFU, plague forming unit; RNA, ribonucleic acid

Other than VYJUVEK, all products described in this presentation are investigational therapies

Intratumoral IL-12 and IL-2 Effective in Cold Syngeneic Mouse Tumor Model

Clear antitumor effect and survival benefit in checkpoint inhibitor refractory B16F10 tumor mode



Evidence of Systemic Immune Response with Intratumoral IL-12 and IL-2

Antitumor effect and survival benefit in dual flank B16F10 tumor model



Lung Delivery Effective in Metastatic Osteosarcoma Model



Other than VYJUVEK, all products described in this presentation are investigational therapies

Lung Delivery Also Confers Durable Protection from Tumor Rechallenge

Suggestive of memory adaptive immune response



Preclinical Summary

Robust efficacy in stringent, CPI-refractory preclinical models supports clinical development



IL-12/L12, interleukin-12; IL-2/IL2, interleukin-2 Other than VVJUVEK, all products described in this presentation are investigational therapies



KB707 Clinical Program

Overall Phase 1/2 Approach

Deliver response to all solid tumor patients with immunotherapy

Phase 1 first-in-human study with intratumoral administration

- Evaluate the safety and tolerability of monotherapy in ascending dose
- Demonstrate single agent anti-tumor activity
- Patients with solid tumors that progressed on SOC
- Data will support further assessment in disease-specific indications

Inhaled administration

- Advantage in delivery to respiratory tract cancers (e.g., Lung, H&N), cancer metastasized to the lungs
- * Staggered start to intratumoral administration leverages safety, tolerability, and pharmacodynamic data

H&N, head and neck; IL-12/IL12, interleukin-12; IL-2/IL2, interleukin-2; SOC, standard of care Other than VVJUVEK, all products described in this presentation are investigational therapies

KB707-01 Intratumoral Phase 1 Study

Open-label study to assess safety, tolerability, and preliminary efficacy



- Melanoma
- Cutaneous Squamous Cell CarcinomaBasal Cell Carcinoma
- Induction Phase
 Maintenance

 Intratumoral KB707
 Intratumoral KB707

 Weekly x 3 (Days 1, 8, 15)
 Q3 Weeks (Up to 2yrs)

 DLT evaluation from D1 post-dose through D36 pre-dose
 EOT +

 D1
 D8

 D15
 D36 +

DLT, dose limiting toxicity; EOT, end of treatment; MTD, maximum tolerated dose; ORR, objective response rate; OS, overall survival; PFS, progression free survival; PFU, plaque forming unit; TBD, to be determined Other than VIJUVEK, all products described in this presentation are investigational therapies

KB707 Clinical Timeline

Both routes of administration under evaluation in Phase 1 by 1H 2024

	2023			2024		
	1H	2H		1H		2H
KB707-01 Intratumoral	Preclinical	ND	FPD	Phase 1		Interim Data Update(s) in 2024
KB707-02 Inhaled	Preclinical				FPD	Phase 1
Recent and	Upcoming Mile	estones				
KB707-01 li	ntratumoral			KB707-02 Inhaled		
MIND acce	epted by US FDA	in 1H 2023		IND amendment i	in 2H 2023	
First pat	ient dosed with	KB707 in 2H 2023		First patient dose	d with inha	led KB707 in 1H 2024
First clinical	update from Kl	8707-01 expected in	n 2024			

FDA, US Food and Drug Administration; FPD, first patient dosed; IND, investigational new drug; US, United States Other than VYJUVEK, all products described in this presentation are investigational therapies



Cutaneous oncology landscape for refractory disease

Jason J. Luke, MD, FACP Associate Professor Director of the Immunotherapy and Drug Development Center Associate Director for Clinical Research









@jasonlukemd 💟





@jasonlukemd 💟



- Patient with a 3.2 mm melanoma on the right leg undergoes resection and nodal evaluation identifying 2 nodes involved. Tumor is BRAF WT
- Adjuvant treatment with nivolumab is given for eight months with progression in new nodes and lung.
- Nivo + ipi vs Nivo + rela are considered but ipi combo is chosen.
- Patient has obvious new lesions within 1.5 months and rising LDH.
- What treatment to choose then?





🔄 Progressive disease 🔛 Stable disease 🔳 Partial response	Somuegin Dose (dany)	200 mg	g (n = 79)	800 mg	800 mg (n = 150)	
	AEs in ≥ 20% of Patients, Any Grade, %; Grade 3/4, % ^a	Primary	12-Month	Primary	12-Month	
0-	All AEs	95; 30	98; 38	100; 56	100; 59	
n	Muscle spasms	49; 3	52; 3	67; 5	69; 5	
	Alopecia	43; 1	49; 0	55; 0	57; 0	
	Dysgeusia	38; 0	41; 0	59; 1	60; 0	
	Nausea	33; 1	35; 1	45; 3	47; 3	
	CK increased	29; 6	30; 6	37; 13	37; 13	
	Fatigue	29; 0	29; 0	36; 2	36; 2	
	Weight decreased	27; 1	29; 3	38; 5	42; 6	
y Advanced Basal-Cell Carcinoma	Diarrhea	24; 0	30; 1	22; 0	23; 0	
🗇 🗇 Progressive disease 🔳 Stable disease 📕 Response	Appetite decreased	19; 0	23; 0	31; 4	32; 4	
	Myalgia	19; 0	19; 0	26; 2	26; 2	
0-	Vomiting	6; 1	8; 1	26; 1	27; 1	
"Chronic grade 1 2 tovisi	ty is worse for the p	atient	than an	episod	le of	

Anti-PD1 efficacy

	Patients (n=84)
Objective response	26 (31%; 21-42)*
Best overall response	
Complete response	5 (6%)
Partial response	21 (25%)
Stable disease	41 (49%)
Progressive disease	9 (11%)
Not evaluable†	8 (10%)
Disease control	67 (80%; 70-88)
Durable disease control	50 (60%; 48-70)
Median time to response, months‡	4.3 (4.2-7.2)
Observed duration of response‡	
Range, months	2-21
≥6 months	19 (79%)
≥12 months	11 (46%)
Kaplan-Meier estimation of duration response‡	
Median	Not reached
Remained in response at 6 months	91% (68-98)
Remained in response at 12 months	85% (61-95)

@jasonlukemd 💟

Sekulic et al. N Engl J Med. 2012; Midgen et al. Lancet Oncology. 2015

- Patient with history of multiple early stage non-melanoma skin cancers develops a bleeding ulcer on the scalp.
- Moh's procedure removes the lesion but within 4 months the skin graft erodes and the ulcer returns
- A second resection attempt is considered but aborted when margins are positive
- Anti-PD1 with cemiplimab is initiated but the lesion continue to grow.
- What treatment to consider?

@jasonlukemd 💟

- In melanoma, unmet needs remains after progression on anti-PD1
 - KB707 has high upside potential for combinations with anti-PD1 in earlier lines of therapy given arming with IL2 and IL12
- Therapeutic landscape open in non-melanoma skin cancers
 - Anti-PD1 is SOC but 50% do not respond in cSCC
 - FDA has greenlighted development of therapeutics in BCC despite activity of HHi due to toxicity of those agents
- KB707 is well positioned to overcome previous cytokine therapy challenges by leveraging unique molecular biology and field leading cytokine combinations

@jasonlukemd 💟



