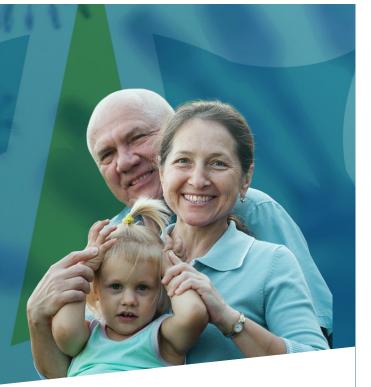


## Igniting a Systemic Immune Response to Cancer

August 2023



## Safe harbor



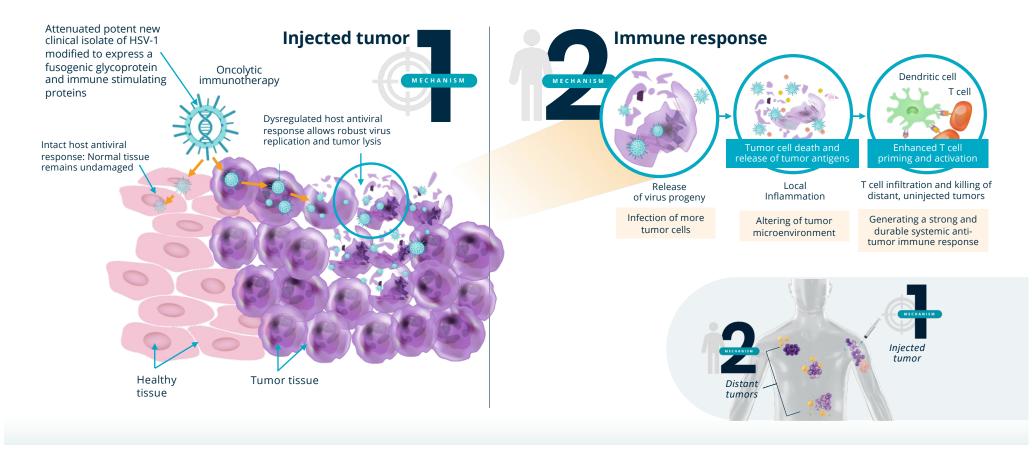
Any statements contained herein that are not statements of historical facts may be deemed to be forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, including statements regarding the advancement, timing and sufficiency of our clinical trials, patient enrollments in our existing and planned clinical trials and the timing thereof, the results of our clinical trials, the timing and release of our clinical data, statements regarding our expectations about our cash runway, our goals to develop and commercialize our product candidates, our expectations regarding the size of the patient populations for our product candidates if approved for commercial use and other statements identified by words such as "could," "expects," "intends," "may," "plans," "potential," "should," "will," "would," or similar expressions and the negatives of those terms. Forward-looking statements are not promises or guarantees of future performance, and are subject to a variety of risks and uncertainties, many of which are beyond our control, and which could cause actual results to differ materially from those contemplated in such forward-looking statements. These factors include risks related to our limited operating history, our ability to generate positive clinical trial results for our product candidates, the costs and timing of operating our in-house manufacturing facility, the timing and scope of regulatory approvals, changes in laws and regulations to which we are subject, competitive pressures, our ability to identify additional product candidates, political and global macro factors including the impact of the SARS-COV-2 coronavirus as a global pandemic and related public health issues, the ongoing military conflict between Russia and Ukraine and the impact on the global economy and related governmental imposed sanctions, and other risks as may be detailed from time to time in our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, and other reports we file with the Securities and Exchange Commission. Our actual results could differ materially from the results described in or implied by such forward-looking statements. Forward-looking statements speak only as of the date hereof, and, except as required by law, we undertake no obligation to update or revise these forward-looking statements.



## **Replimune overview**

- Industry leader in tumor directed oncolytic immunotherapy (TDOI)
  - Potential to be a cornerstone treatment in immuno-oncology; 3 wholly owned programs (RP1, RP2, RP3)
- RP1 data supports the emergence of a major skin cancer franchise; two registrational studies fully enrolled
  - 211 patient 1L CSCC randomized controlled; primary analysis early Q4 2023
    - 47% CR rate / 65% ORR with strong durability in prior study
  - 141 patient study in anti-PD1 failed melanoma; data release six months post LPI late Q4 2023
    - 20% CR rate / 37% ORR in first 75 patients with activity across all disease stages and strong durability
- Broad mid-stage development planned with RP2 and RP3; responses shown in multiple unmet need indications
  - Several potential fast to market opportunities
    - Cost sharing collaboration with Roche in 3L CRC and 2L HCC
- Potential for the portfolio to deliver substantial commercial revenues beginning in 2025
- Capitalized to build a fully integrated biotech company; US commercial infrastructure, in-house manufacturing
  - June 30 2023, cash & short-term investments c. \$539m

# Tumor directed oncolytic immunotherapy mechanism of action



Bommareddy PK et al AJCD. 2016

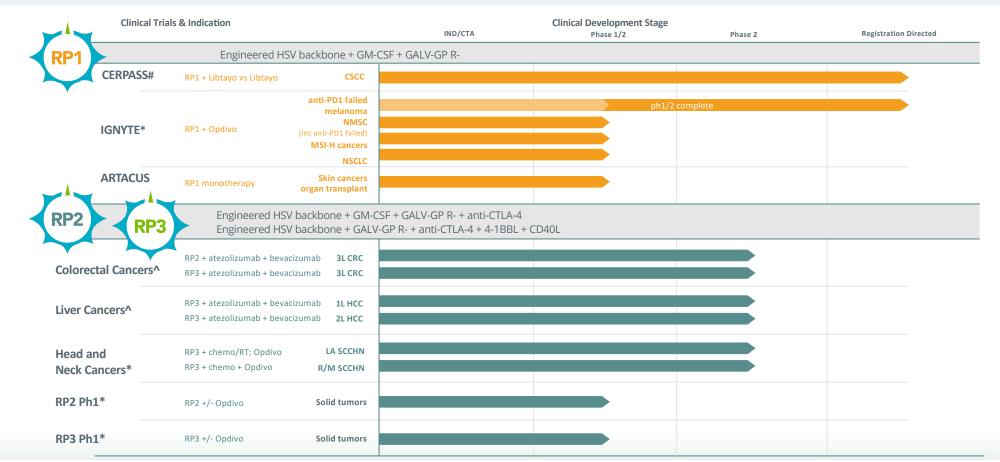
Keplimune<sup>®</sup>

# RPx positioning: Platform designed to address a range of tumor types with an optimal balance of potency & safety

	RP1	RP2	RP3	
Payloads	GALV-GP R-, GM-CSF	GALV-GP R-, anti-CTLA-4, GM-CSF	GALV-GP R-, anti-CTLA-4, CD40L, 4-1BBL	
Target	Immunologically responsive tumor types, including anti-PD1 failed	Less immunologically responsive tumor types	Less immunologically responsive tumor types (anticipated further improved compared to RP2)	
Intended indication(s)	Skin cancers (CSCC, anti-PD1 failed melanoma, anti-PD1 failed CSCC, other NMSCs, etc)	Various solid tumors including primary liver cancers and/or those with a high prevalence of liver metastases e.g. HCC, CRC; Early disease (neoadjuvant/LA opportunities) e.g. SCCHN		
Clinical activity in anti-PD1 failed patients demonstrated			Ongoing	
Safety & good tolerability demonstrated			Ongoing	
Injection location	Superficial, nodal & visceral	Superficial, nodal & visceral	Superficial, nodal & visceral	
Systemic activity	Clear systemic effects seen in responding responses are gener	Ongoing		
Other design considerations	Designed for more I-O sensitive tumor types with excellent safety alone & in combination	Increased I-O systemic activity, also with excellent safety alone & in combination	Designed to maximize systemic I-O activity & potency	

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## **Company Pipeline**



\* Under a clinical trial collaboration & supply agreement with BMS for the supply of Opdivo where needed – full commercial rights retained by Replimune; SCCHN initiating mid 2023

# Under a clinical trial collaboration agreement with Regeneron; 50:50 sharing of clinical trial costs – full commercial rights retained by Replimune

^ Under clinical trial collaboration & supply agreement with Roche for atezolizumab & bevacizumab supply and 50:50 cost sharing in select indications – full commercial rights retained by Replimune; initiating mid 2023

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## RP1: Establishing a major skin cancer franchise



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## Establishing a broad skin cancer franchise



1	IGNYTE anti-PD1 failed melanoma registrational cohort N=125	Impressive response rate in first 75 patients, 20% CR rate, 37% ORR, full data with 6 month follow up expected Q4 2023	• RP1 establishes confidence in easy-to-
2	CERPASS – first-line CSCC randomized controlled pivotal trial <i>N=211</i>	Fully accrued, primary data Q4 2023; 47% CR rate and 65% ORR in prior study (N=17) <b>Initial approval sought in anti-PD1 naïve CSCC</b>	administer settings <ul> <li>Deep and durable responses across</li> </ul>
3	IGNYTE initial NMSC cohort (anti-PD1 naïve) N=30 (fully accrued)	Demonstrated activity in other NMSCs; Commercialization in MCC, BCC, angiosarcoma likely to be based on compendia listing	multiple settings in skin cancer, including high CRs in 1L CSCC • Responses in anti-PD1
4	IGNYTE anti-PD1-failed NMSC cohort N=30	With signal can expand for registrational purposes; label expansion; 33% ORR to date (N=12)	failed patients with melanoma & a range of NMSCs
5	ARTACUS skin cancers in solid organ transplant recipients N=65	Potential registration or compendia listing; 30% CR rate to date as monotherapy (N=10)	<ul> <li>Development to provide proof-of-concept in neoadjuvant setting</li> </ul>
6	Neoadjuvant CSCC	<i>Study being planned</i> : expected to capture significant high- risk patient population	

## IGNYTE melanoma patient demographics RP1 plus nivo in anti-PD1 failed melanoma 125 patient registration study



- Registration-directed single arm cohort of patients with anti-PD1 failed cutaneous melanoma (n=125) treated with RP1 combined with nivolumab
- Initial data from the first 75 of these combined with 16 patients from a prior cohort was presented (n=91)
- Key inclusion criteria
  - Cutaneous melanoma patients having confirmed progression on the immediate prior line of anti-PD1 therapy as single agent or in combination
  - At least 8 weeks treatment with anti-PD1
  - Patients who progressed on prior adjuvant therapy (biopsy confirmed) were eligible
  - Not required to have received anti-CTLA-4 or BRAF directed therapy for BRAF mut patients
- Primary endpoint: ORR

### **IGNYTE Study Design**



\* Primary resistance = PD, or SD for <6 months on the prior course of anti-PD1; for adjuvant, progressed within 6 months: secondary resistance = PR, CR, or SD >6months on the prior course of anti-PD1; for adjuvant, progressed after 6 months

\*\*PD-L1 status UNK n=14; LDH status UNK n=1

### **Enrollment objectives**

To enroll a population representative of the different settings in which melanoma patients progress on anti-PD1 therapy, & would therefore benefit from a new treatment option

Key patient demographics (n=91)	n/%
Stage IIIb/IIIc/IVM1a IVM1b/c	45/49.4 46/50.6
<ul> <li>Prior therapy</li> <li>Anti-PD1 as adjuvant therapy</li> <li>Anti-PD1 as 1L or beyond therapy</li> <li>Also received anti-CTLA-4 therapy</li> <li>Also received BRAF directed therapy</li> </ul>	32/35.2 59/64.8 32/35.2 8/8.8
<ul> <li>Other disease characteristics</li> <li>Primary resistance* to prior anti-PD1</li> <li>Secondary resistance* to prior anti-PD1</li> <li>PD-L1 ≥1%**</li> <li>PD-L1 &lt;1%</li> <li>BRAF wild-type</li> <li>BRAF mutant</li> <li>LDH ≤ULN**</li> <li>LDH &gt;ULN</li> </ul>	50/54.9 38/41.8 26/28.6 51/56.0 64/70.3 27/29.7 64/70.3 26/28.6

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## IGNYTE melanoma data: 37% ORR in first 75 patients RP1 plus nivo in anti-PD1 failed melanoma 125 patient registration study

	N=16	N=75		N=91						
n (%)	Prior patients (n=16)	Data snapshot patients (n=75)	All patients (n=91)	Prior adjuvant anti–PD-1 only (n=32)	Prior anti-PD-1 other than adjuvant (n=59)	Prior anti-PD-1 & anti-CTLA-4 (n=32)	Stage IIIb/IIIc/IVa (n=45)	Stage IVb/IVc (n=46)	Primary resistance to anti-PD1 (n=50)**	Secondary resistance to anti-PD1 (n=38)**
Best over	all response									
CR	2 (12.5)	15 (20.0)	17 (18.7)	9 (28.1)	8 (13.6)	3 (9.4)	13 (28.9)	4 (8.7)	12 (24.0)	5 (13.2)
PR	4 (25.0)	13 (17.3)*	17 (18.7)	7 (21.9)	10 (16.9)	8 (25.0)	8 (17.8)	9 (19.6)	6 (12.0)	11 (28.9)
SD	1 (6.3)	13 (17.3)	14 (15.4)	6 (18.8)	8 (13.6)	5 (15.6)	5 (11.1)	9 (19.6)	7 (14.0)	7 (18.4)
PD	8 (50.0)	31 (41.3)	39 (42.9)	10 (31.3)	29 (49.2)	13 (40.6)	19 (42.2)	20 (43.5)	24 (48.0)	12 (31.6)
ORR	37.5%	37.3%	37.4%	50.0%	30.5%	34.4%	46.7%	28.3%	36.0%	42.1%

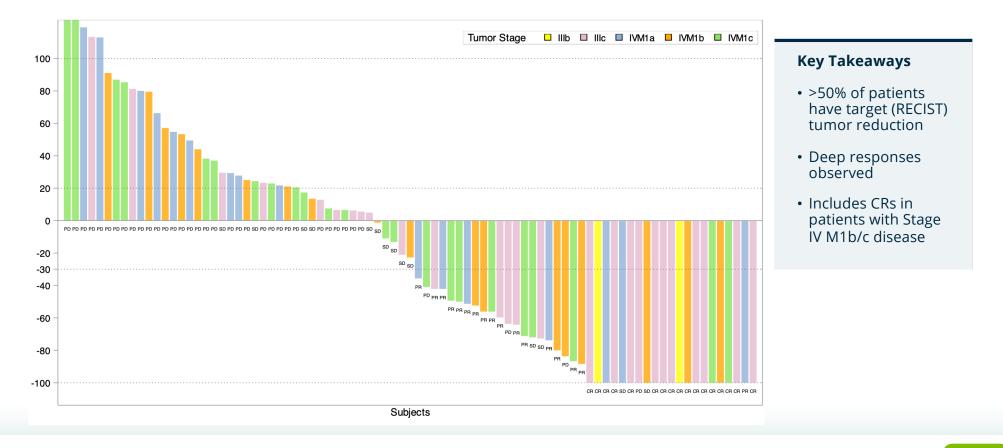
### **Key Snapshot Takeaways**

- Data from the 75-patient snapshot are consistent with the 16 patients enrolled into the prior melanoma cohort
  - Majority of patients were primary refractory to anti-PD1 ٠
- At least 28% ORR in all sub-groups analyzed ٠
- Particularly high ORR (50%) and CR rate (28%) in patients who progressed while on prior adjuvant anti-PD1 therapy

\*One PR not confirmed. \*\*Resistance type is unknown for 3 patients. Response data presented is by investigator assessment; the primary analysis from the study will be by blinded, independent central review.

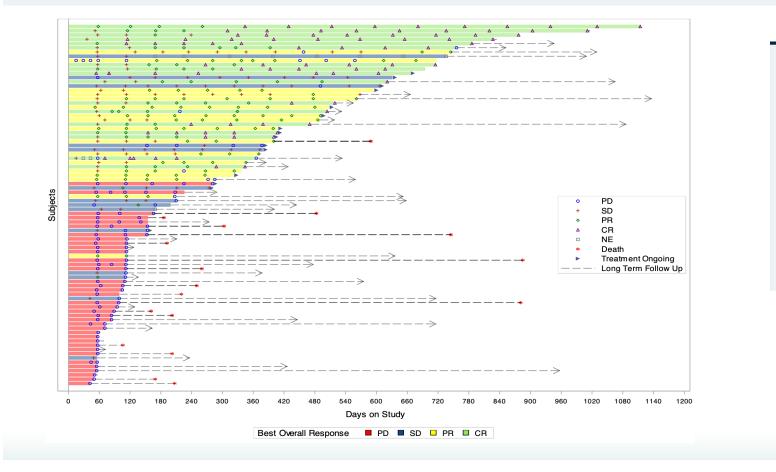
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Waterfall plots: All patients Maximum change in target lesions; patients with at least one follow up assessment Replimune\*



## Swimmer's plots: All patients Patients with at least one follow up assessment





### **Key Takeaway**

Responses are durable, indicating systemic overall benefit

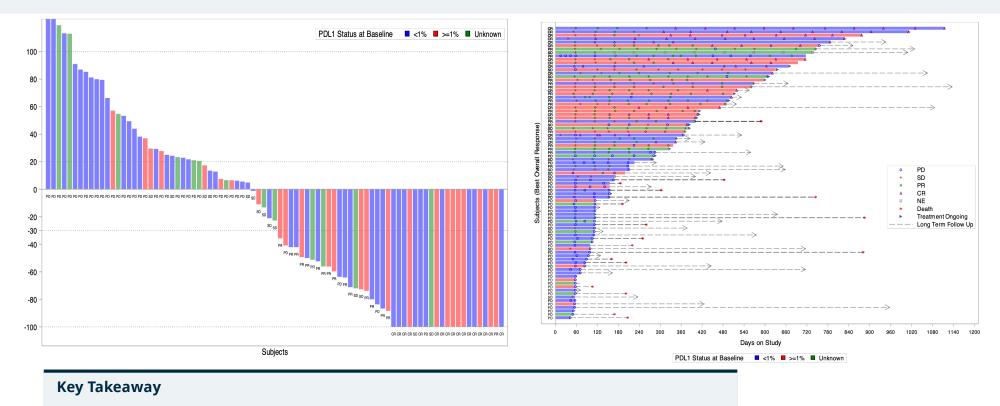
- 85% of responses are ongoing
- 71% of responders are out over one year from starting therapy



## **IGNYTE Translational Data**

Patients with at least one follow up assessment, by PD-L1 Status at Baseline

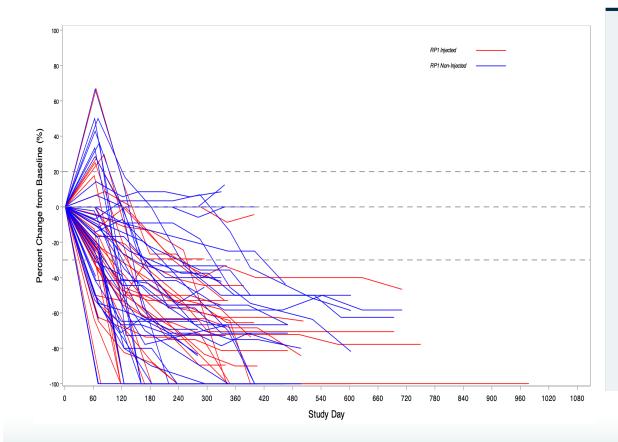




Responses are deep and durable, independent of baseline PD-L1 status

• RP1 efficacy demonstrated in PD-L1 low patients (33% ORR, 17/52 patients responding)

## IGNYTE Kinetics of Response Change in size of individual injected and uninjected lesions



- Systemic effects including in patients with:
  - Visceral lesions, after both deep and superficial injection

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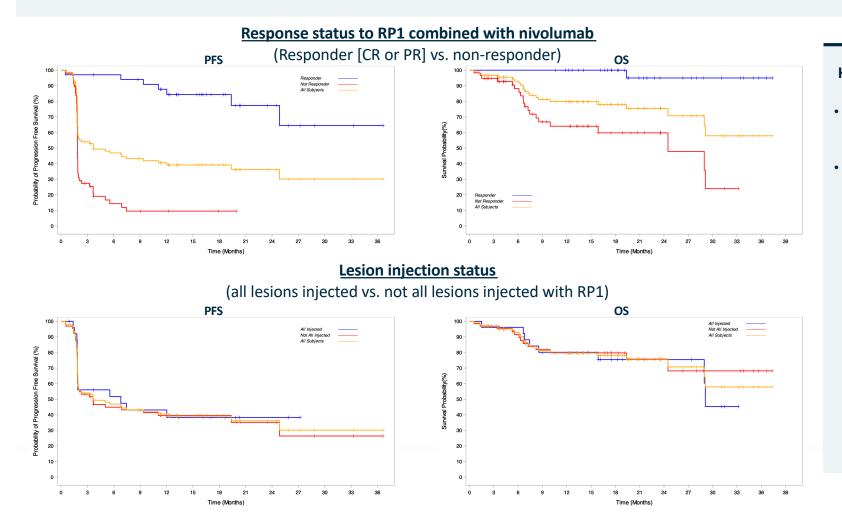
Bulky lesions

**Key Takeaways** 

- Up to >20cm of total tumor burden and up to >10cm of uninjected disease
- 70.4% of responding patients had uninjected lesions
  - Responders include patients with minority of lesions injected
- Large number of uninjected lesions respond supporting systemic benefit
- · Injected and uninjected lesions respond with similar durability and kinetics
  - Depth of response independent whether injected

Includes both target and non-target lesions for RECIST assessment, measured from CT/MRI scans for radiologically assessable lesions (n=75 group). 58/75 patients had at ≥ 1 uninjected lesion, of whom 15 achieved a response based on those lesions (excludes possible response in injected lesions); ORR of 25.9% on the basis of uninjected lesions only

## IGNYTE PFS & OS Data Early PFS and OS; patients with at least one follow up assessment





### **Key Takeaway**

- Both PFS and OS appear promising for the population enrolled
- This includes when broken down by prognostic and other factors
  - By far the greatest impact on PFS & OS was response to RP1 combined with nivolumab
  - There was no impact whether or not all lesions were injected with RP1
  - Other subgroups not shown (see ASCO 2023 poster)

Patient 1121-2011: Prior Opdivo (adjuvant) and Keytruda (first line for metastatic disease), Stage IVMIc

29 JUL 2021 / Screening





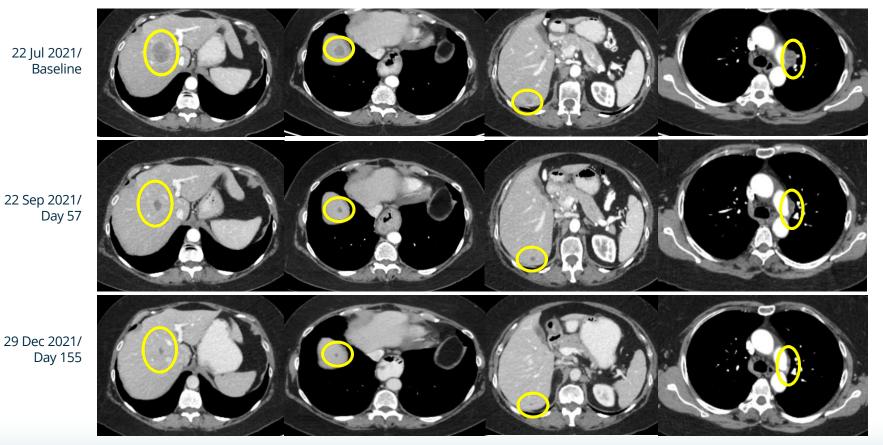


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## Patient 1121-2011 Cont'd:

Prior Opdivo (adjuvant) and Keytruda (first line for metastatic disease), Stage IVMIc





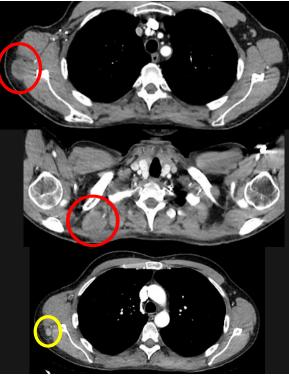


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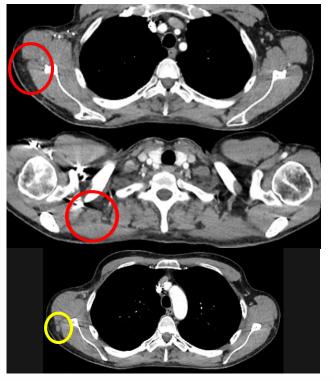
## Patient 4405-2007: Prior Keytruda, Yervoy/Opdivo: Stage IVM1b



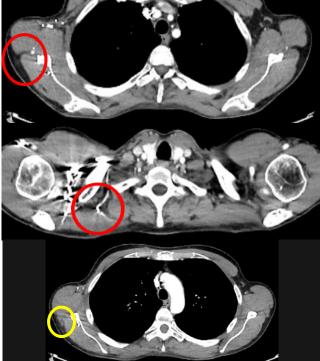








31 Aug 2022





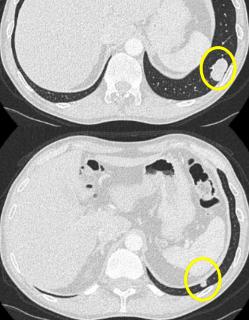
## Patient 4405-2007 Cont'd: Prior Keytruda, Yervoy/Opdivo: Stage IVM1b



6 Aug 2021/Baseline

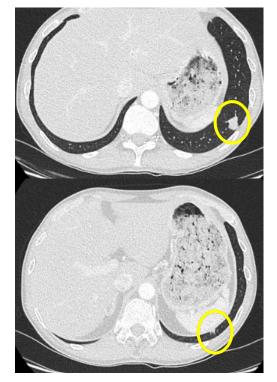


24 Jan 2022



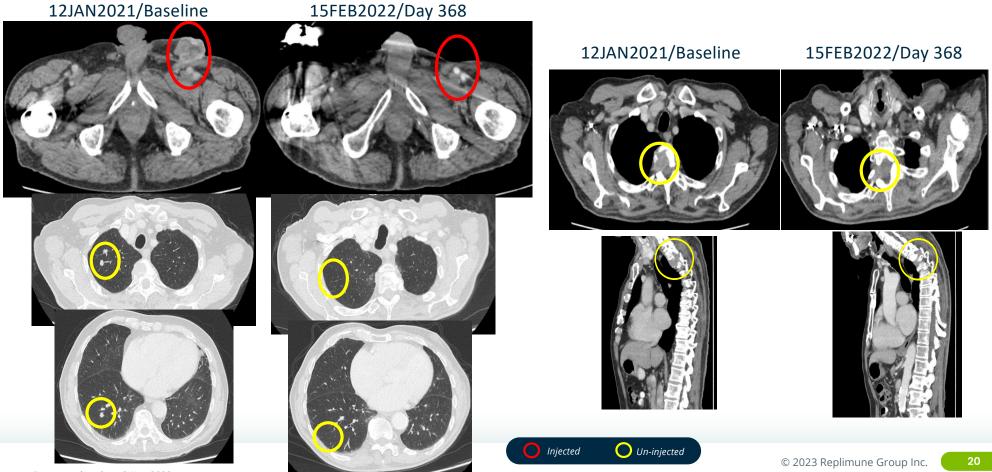


31 Aug 2022





# Patient 4401-2021: Prior Tafinlar/Mekinist, Keytruda Prior BRAF/MEK as well as progressed on anti-PD1 Stage IVM1c



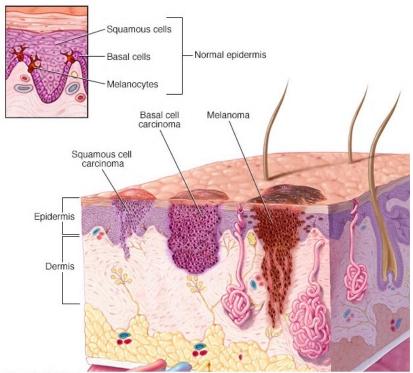
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Data snapshot date: 3 Nov 2022

# CSCC disease characteristics, largely superficial/local issue



- Second most common skin cancer with ≈700,000 patients annually in the U.S.<sup>1</sup>, caused by exposure to ultraviolet radiation
- ~up to 10% of CSCC patients are high risk (neo-adj opportunity)
- Approximately 7,000-15,000 US deaths annually<sup>1-3</sup>
- 80% of patients die from locoregional progression, not metastatic disease<sup>4,5</sup>
- CSCC is an outward growing disease with large, painful, superficial tumors, almost all (~90%) CSCC have superficial tumors
- Majority of systemic treated patients have prior surgery and/or radiation
- First systemic treatment, cemiplimab, approved in 2018 followed by pembrolizumab in 2020
  - (ORR: ~35-45%, CRR: ~5-15%)

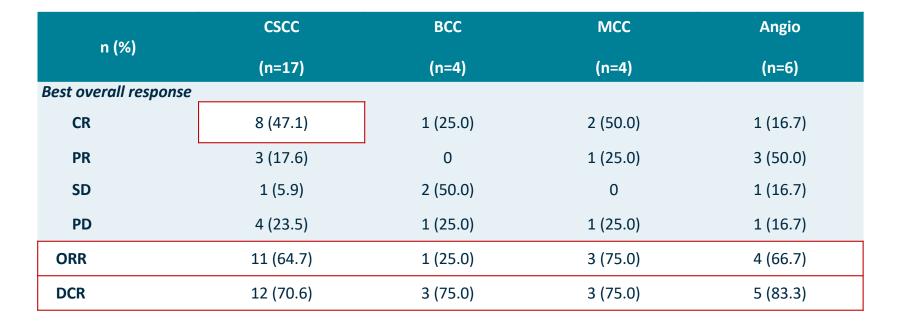


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<sup>1</sup>Rogers et al JAMA Dermatol **10** 2015; <sup>2</sup>Clayman et al JCO **23** 2005; <sup>3</sup>Mansouri et al J Am Acad Dermatol **153** 2017; <sup>4</sup>Schmults et al JAMA Dermatol **149** 2013; <sup>5</sup>Motaparthi et al Adv Anat Pathol **24** 2017

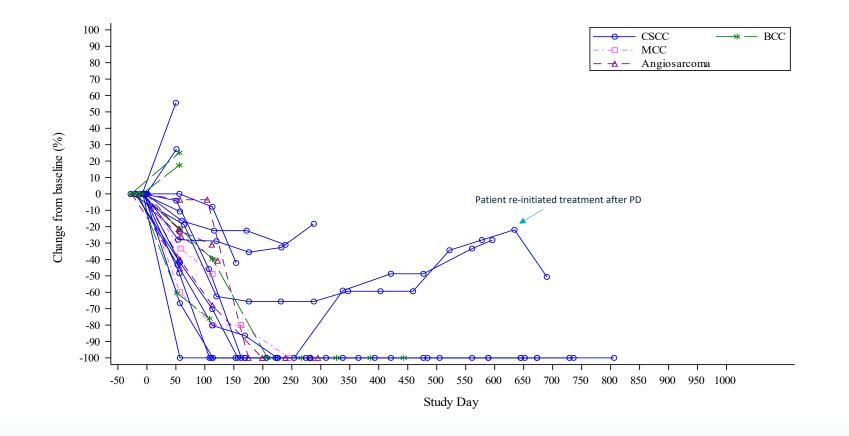
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## High rates of CR in CSCC in IL study in combo with Nivo 🔥 Replimune



Patients with follow up assessments (n=31), as presented at ASCO 2022; DCR = disease control rate (CR + PR + SD) Note: Data snapshot date: 11th March 2022

# Anti-PDI naïve NMSC: Deep/durable responses in CSCC A Replimune



 $2\ {\rm CR's}$  are not represented in spider plot as only scheduled visits were programmatically captured Note: Data snapshot date: 11th March 2022

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# Example complete resolution of aggressive locoregional disease







12<sup>TH</sup> FEB 2021 (CR)



### Pt 1122-2014 - CR

- Patient had groin node metastases that were initially injected & responded
- Response observed in **distant** tumor in the foot, allowing for subsequent injection







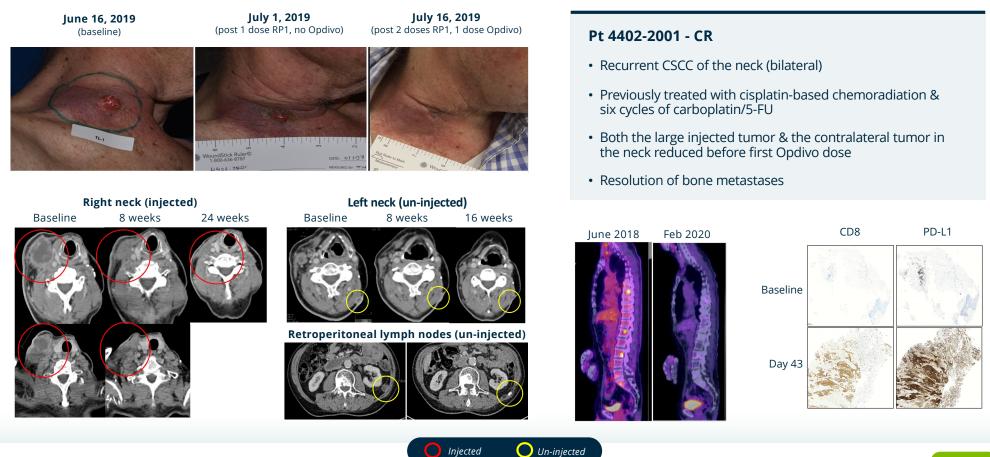




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## Increasing CRs: An opportunity to transform the CSCC market



### **CSCC Characteristics**

- Large, outward, fast-growing tumors
- Disease can cause social isolation — disfiguring, painful, oozing
- Directly tackling the problem via tumor injection

### Market Research / KOL Feedback

- Despite CPIs impressive outcomes, there is still need for improvement in ORR, and particularly CR
- RP1 profile seen as compelling especially **doubling CRs vs. SOC** with good tolerability

"CRs are very important in this setting, as they usually lead to long-term survival and also have a huge impact on the patient's quality of life" KOL in market research

## Ability to see a fast (even prior to CPI admin), deep and durable response

Latest response ; PR with potential for CR

### **Future Market Impact**

- Potential to change existing mindset and treatment approach to treat more earlier stage patients
- Driving CRs key to success in neoadjuvant allowing many more patients to be treated and cured



CERPASS registration-directed Ph2 study in CSCC Top line primary analysis of randomized, controlled CERPASS trial expected in Q3 2023



<sup>†</sup>First dose of RP1 to be given as monotherapy with cemiplimab to be given with second dose of RP1 \*57 weeks treatment for the combination arm; treatment duration for cemiplimab-only arm is 54 weeks

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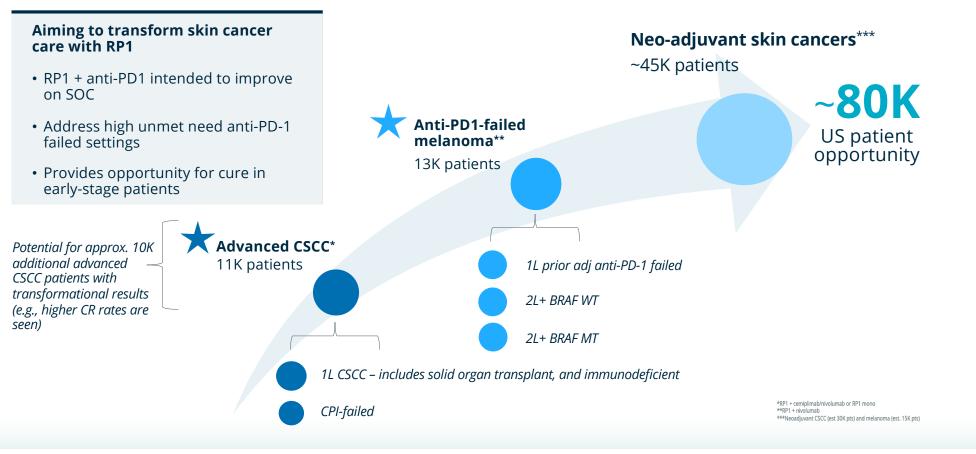
## **RP1 Commercial Opportunity**

## AGENDA

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## **RP1: A significant skin franchise opportunity**



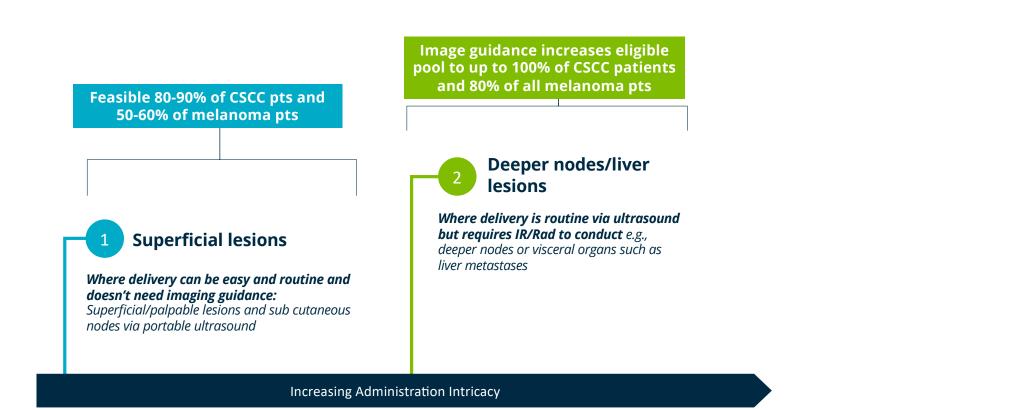


Note: CSCC US treated patient population for 2029 based on multiple sources including IQVIA claims, primary market research, and company data.

Melanoma US treated patient population for 2029 based on CancerMPact® Patient Metrics, Cerner Enviza (available from www.cancermpact.com Accessed 11 Oct 2022), with adjustments to © 2023 future 2L+ treatment rates based on primary market research

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## RP1: Initial launch in skin cancers maximizes the chance of commercial success due to high unmet need & tumor directed administration feasibility



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30

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## Superficial skin lesion injections are feasible and can routinely be incorporated across the majority of practice settings

SIMPLER COMPLEX **Tumor Directed Oncolytic Immunotherapy (TDOI)** Orals **Cell Therapies** Endoscopy CT-guided Ultrasound-guided Superficial injection (skin lesions) Ability to refrigerate (2-8°C) RP1 for an extended period enables broad Scheduling community adoption & Logistics RP1 dosage / admin is readily incorporated into existing workflows Majority of CSCC and many melanoma lesions won't require image guidance 3 Key Injection • Identifying and training injectors e.g., APPs (NP/PA's) at accounts is feasible **Focus** Areas\* Biosafety data generation / publications in progress to increase HCP confidence **Biosafety** • Extensive RP1 safety data (>350 pts treated)

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# Investment in manufacturing to support full commercialization



Commercial scale in-house manufacturing established

- 63,000 square foot state-of-the-art facility for GMP manufacturing
  - RP1-3 technology transfer from CMO successfully completed
- RP1 released to clinic post comparability analysis
- RP1 BLA consistency lot runs complete
- Scale expected to be sufficient to cover global commercialization of all Replimune's product candidates at full capacity
- Commercially attractive cost of goods & 'off the shelf' product practicality





## **RP2 and RP3 Update**

# AGENDA

**W** Replimune

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# RP2 & RP3 leverage Replimune's platform to express additional potent immune stimulators



- Focus on the delivery of molecules which function at the time & place of immune activation, i.e. in tumors & draining lymph nodes
- Delivered mechanisms are clinically validated:
  - •Anti-CTLA-4 ipilimumab, tremelimumab
  - CD40L, 4-1BBL agonistic antibodies against CD40 & 4-1BB (CD137) have shown clinical activity
- The RP1 backbone maximizes antigen presentation & T cell activation to kickstart an immune response
  - CTLA-4 inhibits the effectiveness of antigen presentation and T cell activation (immunogenic 'Signal 1' & 'Signal 2')
  - CD40L & 4-1BBL provide immune co-stimulation (immunogenic 'Signal 2') needed for full immune activation this leads to the expression of inflammatory cytokines immunogenic 'Signal 3'
- Local expression of each of anti-CTLA-4, CD40L & 4-1BBL optimal, both mechanistically, and to reduce systemic toxicity



# Single agent activity demonstrated in traditionally 'cold' tumor types

### 0 3 9 12 15 18 21 months 6 **Esophageal** cancer (no evidence of metabolic disease seen on PET scan on 7th May 2021) Uveal melanoma 0 O 💽 📫 Mucoepidermoid carcinoma Best response: PR CRC (MSS)\* Best response: CR Ongoing response assessments \* PD at 3 months, SD vs. 3 months at unscheduled scan at 4 months, PD at 6 months (lung lesions stable, liver lesions/peritoneal carcinomatosis progressing, 1 lymph node [uniniected] reduced in size) SD PR CR PD **RP2** Treatment Patients off all treatment period

### Kinetics of response following treatment with single agent RP2

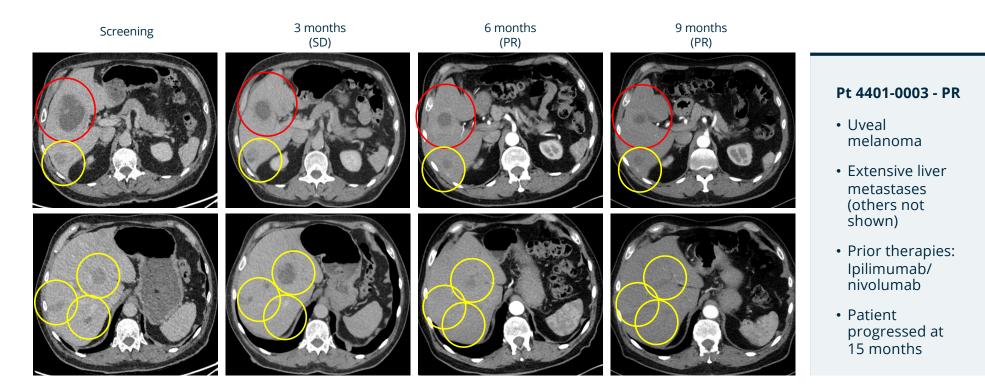
Data as of Oct 12th 2021

# Ongoing CR in mucoepidermoid carcinoma following monotherapy RP2







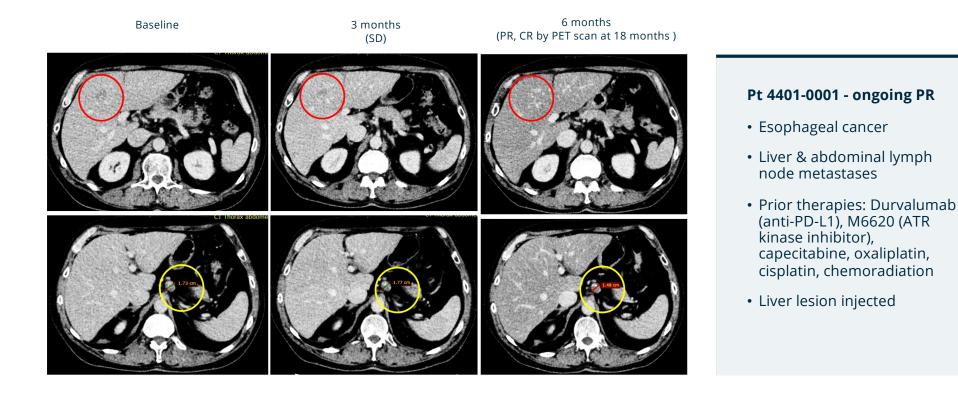




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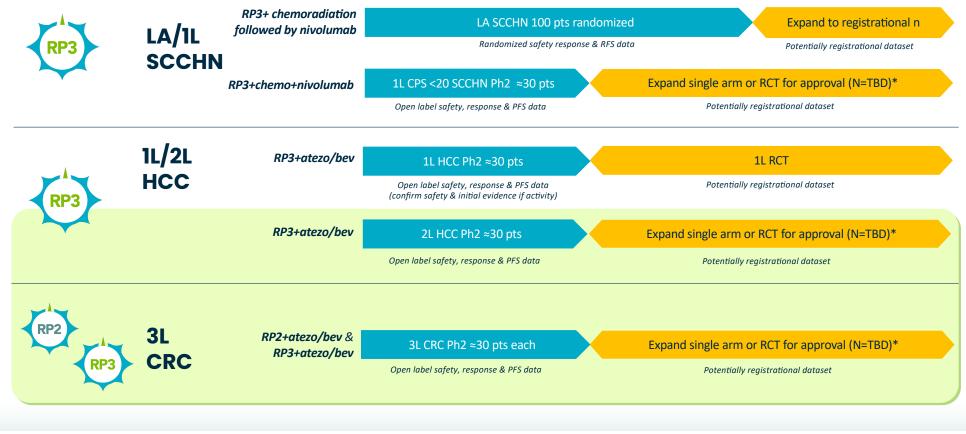
# Example patient with liver metastases treated with RP2 A Replimune\* monotherapy – esophageal cancer





## RP2 vs. RP3 positioning and ph2 development plan Liver/liver mets driven post Roche collaboration





Highlighted green box=potential FTM opportunities

\*Pending FDA discussion; Note: Replimune has a clinical trial collaboration & supply agreement with BMS for the supply of Opdivo in its clinical trial program with RP2/3

## Unmet need in liver cancer/liver mets remains

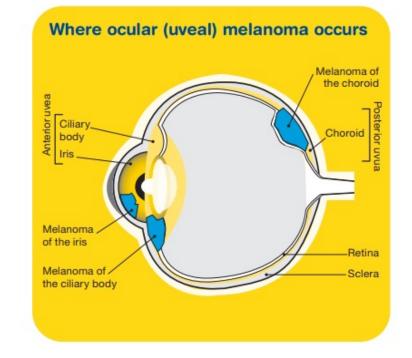


Unmet	• Liver is a common site of metastasis across tumor types		
need <sup>1</sup>	<ul> <li>Patients with liver mets have a poor prognosis</li> </ul>	Agenus: 2L+ MSS CRC -	
	• IO has a particularly poor outcome in pts with liver mets	Botensilimab (CTLA4)+PE EMSO 2022	D-1
	• Liver mets are often the primary driver of mortality		
		Exploratory Analysis by Liver Involvement Enriched responses in patients without active liver metastases (n=24)	24% ORR in overall
Scientific rationale <sup>2</sup>	<ul> <li>Liver metastases are associated with the antigen- specific elimination of T cells from the circulation by macrophages</li> </ul>	100 90 80 70 95% CI, 25-61 95% CI, 80-99 € 50 € 40	population (N=41) O% ORR in pts with liver mets (n=17)
	• Leads to systemic loss of T cells and diminished immunotherapy efficacy	i i i i i i i i i i i i i i i i i i i	20% Tumor Gravith
"Ol" rationale/	<ul> <li>RPx MOA - powerful direct tumor killing &amp; systemic immune activation</li> </ul>	<ul> <li>40</li> <li>50</li> <li>60</li> <li>No History of Liver Metastases (n=19)</li> <li>60</li> <li>70</li> <li>80</li> <li>70</li> <l< th=""><th>+ + + + + + + + + + + + + + + + + + + +</th></l<></ul>	+ + + + + + + + + + + + + + + + + + + +
feasibility	Relief of organ (liver) symptoms & systemic disease control	Patients	17
	<ul> <li>Liver/liver mets are routinely injected by ultrasound and IR/Rads already play a key role in patient management</li> </ul>	+=Ongoing PR/SD *=Complete metabolic response by PET ×=Progression of non-target lesio	ns "

<sup>1</sup>SEER 2021 Estimated Deaths. From SEER Cancer Stat Facts by indication; Riihimaki et al Cancer Med 2018 <sup>2</sup>Yu et al Nat Med Jan 2021; IR=interventional radiologists, Rads=radiologists

# RP2: Uveal melanoma; proxy for treating immune insensitive disease with liver mets

- Ocular or "uveal" melanoma is a rare cancer with approx. 1,000 cases in the US per year<sup>1</sup>
  - Originates from melanocytes and can occur in several eye locations
  - The historic median OS is approx. 12 months<sup>1</sup>
- Uveal melanoma behaves quite differently from skin melanoma
  - *Mostly metastasizes to the liver* (approx. 70-90% of cases) and once this occurs only about 10% of these patients survive beyond a year
  - A difficult to treat tumor where **CPIs have previously demonstrated limited** activity<sup>2,3,4</sup>
  - Kimmtrak (tebentafusp) is the 1st approved agent in uveal melanoma in HLA-A-02:01-positive adult patients (approx. 50% of the total population)\*
- Unmet need for uveal melanoma patients remains high, including improved efficacy/tolerability, effective options for HLA negative patients, and options for Kimmtrak and anti-PD1 failed patients



<sup>1</sup>Carvajal RD et al. Br J Ophthalmol 2017; <sup>2</sup>Nathan P et al. N Engl J Med. 2021;385(13):1196-1206; <sup>3</sup>PelsterMS et al. J Clin Oncol. 2021;39(6):599-607; <sup>4</sup>Lukzky J et al SMR 2022; \* Versus investigator's choice, pembrolizumab, ipilimumab, or dacarbazine 🔥 Replimune

## RP2 uveal melanoma Heavily pre-treated population; all responders anti-PD1 failed, 3/4 double refractory

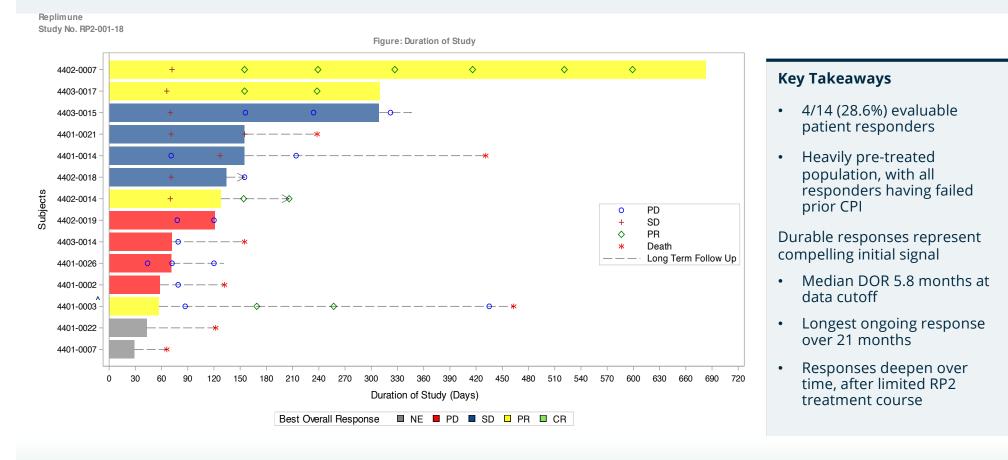


Patient #	RP2 monotherapy or combination w/ nivolumab	Prior therapies	Sites of disease	Best response
4401-0002	Monotherapy	Ipilimumab + nivolumab, temozolomide, selumetinibLung, liver, abdomen, chest, lymph+ vistusertib, carboplatinnodes, subcutaneous, bone		PD
4401-0003	Monotherapy	Ipilimumab + nivolumab	Liver	PR
4401-0007	Monotherapy	Ipilimumab + nivolumab, i <u>ntratumoral</u> AGI-134	Liver, kidney, head and neck, peritoneal, intramuscular, subcutaneous, bone	Not done (non- evaluable)
4401-0014	Combination	None	Liver	SD
4402-0007	Combination	Nivolumab	Orbital mass, bone (pelvis, vertebral), cheek	PR
4401-0021	Combination	Selumetinib + paclitaxel, pembrolizumab, ipilimumab, melphalan intrahepatic chemoperfusion	Liver, gastrointestinal, lymph nodes, abdominal wall, leg	SD
4401-0022	Combination	Ipilimumab, dacarbazine	Liver	Not captured
4402-0014	Combination	Ipilimumab, pembrolizumab	Retroperitoneal, SCF	PR
4403-0014	Combination	Tebentafusp	Liver	PD
4403-0015	Combination	Tebentafusp, nivolumab + ipilimumab	Lung, liver, vertebra	SD
4401-0026	Combination	Ipilimumab + nivolumab, chemosaturation	Liver	PD
4403-0017	Combination	Ipilimumab + nivolumab	Liver	PR
4402-0018	Combination	None	Liver	SD
4402-0019	Combination	Ipilimumab, pembrolizumab	Liver, perirenal	PD
4403-0018	Combination	Nivolumab + ipilimumab	Liver	SD
4403-0019	Combination	Ipilimumab + nivolumab	Liver	Not done yet
3412-0001	Combination	Ipilimumab + nivolumab, IL-2, carboplatin, paclitaxel	Liver, lung	Not done yet

## RP2 uveal melanoma

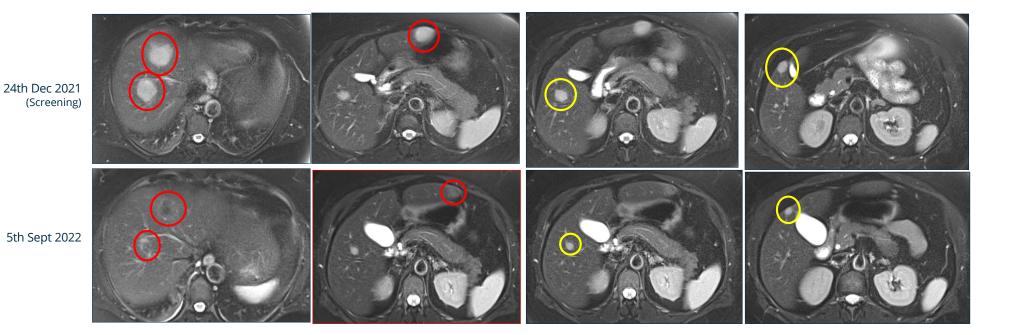
## Durable responses in small initial dataset, both monotherapy RP2 and RP2 + nivo





## Patient 201-4403-0017: Uveal melanoma Yervoy/Opdivo failed - PR (RP2+Opdivo)



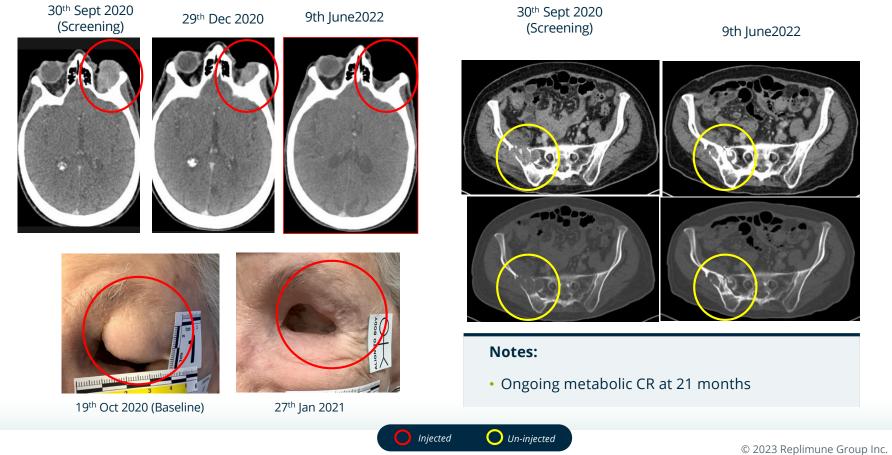




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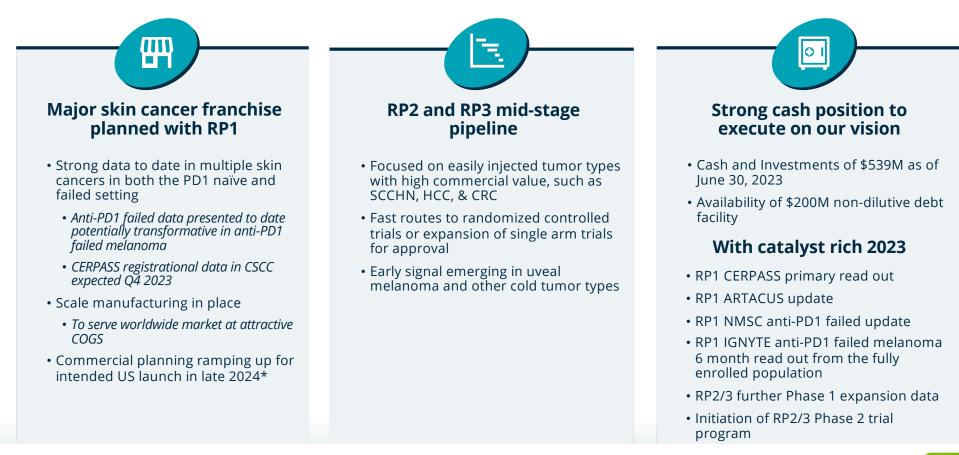
## Patient 201-4402-0007: Uveal melanoma Opdivo failed - PR (RP2+Opdivo)





## **Overall summary**

## Keplimune<sup>°</sup>



## **THANK YOU**

### MISSION

To enable tumor directed oncolytic immunotherapy (TDOI) to become a cornerstone in the treatment of cancer

## VISION

To deliver **transformational** results for patients **across cancers** using tumor directed oncolytic immunotherapy to induce a powerful and durable systemic anti-tumor immune response resulting in **quality survival** and a **chance for a cure** 

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