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Q4 2023 Financial Results and ONSEMBLE Trial Data

February 29, 2024



Forward-looking statements

CERTAIN STATEMENTS IN THIS PRESENTATION ARE

FORWARD-LOOKING within the meaning of the Private Securities Litigation Reform Act of 1995. These statements may be identified by the use of words such as "anticipate," "believe," "forecast," "estimated" and "intend" or other similar terms or expressions that concern our expectations, strategy, plans or intentions. These forward-looking statements are based on our current expectations and actual results could differ materially. There are several factors that could cause actual events to differ materially from those indicated by such forward-looking statements. These factors include, but are not limited to, clinical trials involve a lengthy and expensive process with an uncertain outcome, and results of earlier studies and trials may not be predictive of future trial results; our clinical trials may be suspended or discontinued due to unexpected side effects or other safety risks that could preclude approval of our product candidate; results of preclinical studies or clinical trials for our product candidate could be unfavorable or delayed; our need for additional financing; risks related to business interruptions, including the outbreak of COVID-19 coronavirus and cyberattacks on our information technology infrastructure, which could seriously harm our financial condition and increase our costs and expenses; uncertainties of government or third party payer reimbursement; dependence on key personnel; limited experience in marketing and sales; substantial competition; uncertainties of patent protection and litigation;

dependence upon third parties; and risks related to failure to obtain FDA clearances or approvals and noncompliance with FDA regulations. There are no quarantees that our product candidate will be utilized or prove to be commercially successful. Additionally, there are no guarantees that future clinical trials will be completed or successful or that our product candidate will receive regulatory approval for any indication or prove to be commercially successful. Investors should read the risk factors set forth in our Form 10-K for the year ended December 31, 2023, and other periodic reports filed with the Securities and Exchange Commission. While the list of factors presented here 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. Forward-looking statements included herein are made as of the date hereof, and we do not undertake any obligation to update publicly such statements to reflect subsequent events or circumstances.

Cardiff Oncology™

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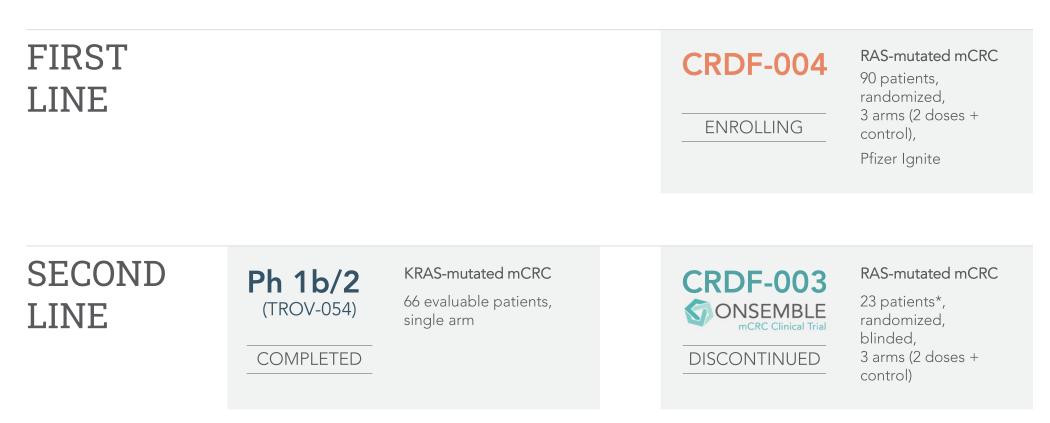
AGENDA

- 1. 2023 was a transformational year
- 2. New data release from 2nd line ONSEMBLE trial
- 3. Review of financial position

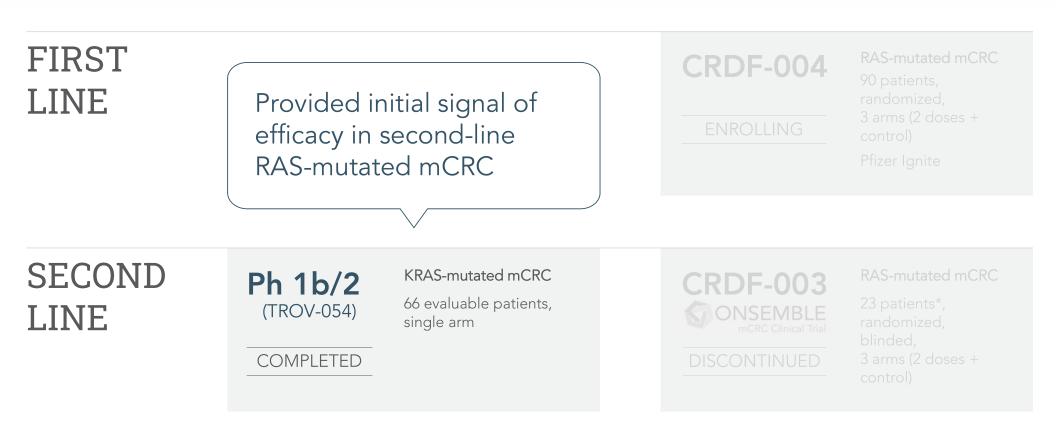
2023 announcements were transformational for Cardiff Oncology

August: mCRC		September: beyond mCRC		
Novel MOA for onvansertibInhibits vascularization of tumorsNew data from mPDAC trial		19% (4 PRs of 21) ORR 3 of 4 confirmed (14% ORR)*		
onvansertip	ortumors	mPDAC trial	7.7% ORR historical controls	
First-line CRDF-004 trial with Pfizer Ignite	ial with Pfizer IgniterecommendationiscontinuedFirst-line has larger patient		First-line investigator- initiated trial	
Discontinued second-line trial			Onvansertib monotherapy 1 cPR, 3 SD and 3 PD of 7 patients	

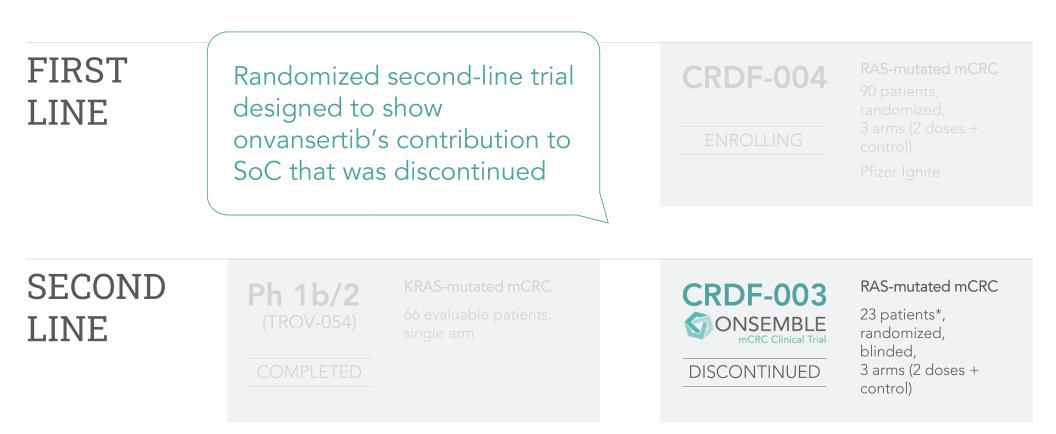
* As of February 29, 2024, three of the four initial partial responses seen on the mPDAC trial confirmed on their subsequent scan, and one initial partial response did not confirm. PR: partial response; cPR: confirmed partial response; ORR: objective response rate; mCRC: metastatic colorectal cancer; mPDAC: metastatic pancreatic ductal adenocarcinoma; SCLC: small cell lung cancer; MOA: mechanism of action



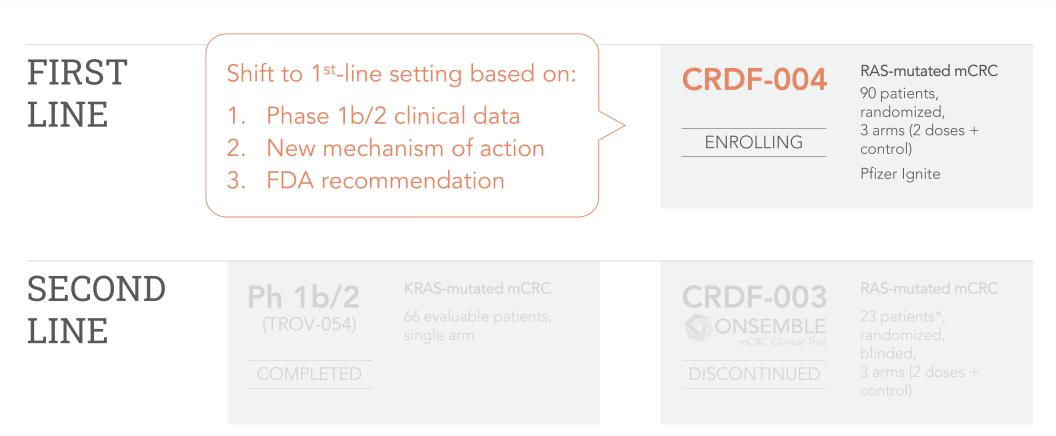
* ONSEMBLE enrolled 23 patients, and 2 patients were not evaluable for efficacy because one withdrew consent prior to their first dose and one withdrew consent before their first post-baseline scan. Both patients were "bev exposed" and randomized to the control arm.



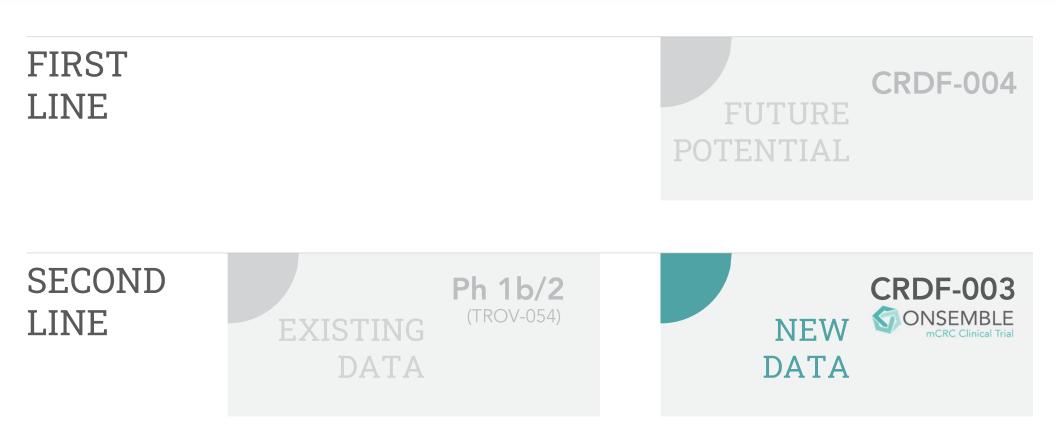
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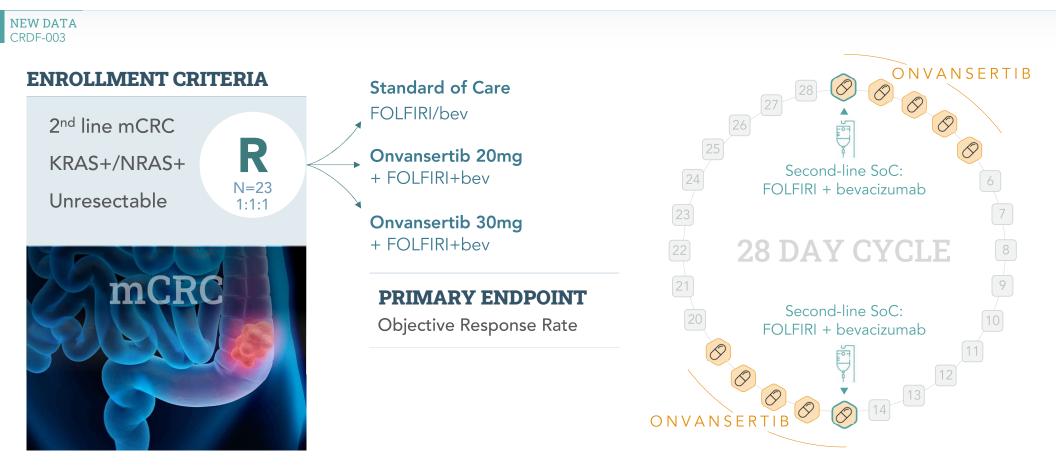
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* ONSEMBLE enrolled 23 patients, and 2 patients were not evaluable because one withdrew consent prior to their first dose and one withdrew consent before their first post-baseline scan. Both patients were "bev exposed" and randomized to the control arm. Today we are announcing new data from the ONSEMBLE trial



ONSEMBLE Phase 2 trial was designed to generate randomized data



ONSEMBLE's patient demographics reflect second-line mCRC population

NEW DATA CRDF-003				
Enrollment*				
Number of Patients (N)	FOLFIRI and bev	FOLFIRI-bev and Onvansertib - 20mg	FOLFIRI-bev and Onvansertib - 30mg	Total Patients All Doses
Intent to Treat	8	8	7	23
Treated (included in safety evaluable patients	s) 7	8	7	22
Evaluable for efficacy	6	8	7	21
Total Patients N=22	Median [range] or n (%)	Total Patients N	√=22	Median n (%)
Age (years)	53 [35-81]	Liver metastasi	S	
Sex		None		5 (23%)
Male	12 (54%)	Liver and oth	ner	13 (59%)
Female	10 (46%)	Liver only		4 (18%)
ECOG ¹		Number of me	etastatic organs	
0	9 (41%)	1		7 (32%)
1	12 (55%)	≥2		15 (68%)
		Prior bevacizu	mab treatment	
		Yes		15 (68%)
		No		7 (32%)

* Data are interim as of January 3, 2024 from an ongoing trial and unlocked database. ONSEMBLE enrolled 23 patients, and 2 patients were not evaluable because one withdrew consent prior to their first dose and one withdrew consent before their first post-baseline scan. Both patients were "bev exposed" and randomized to the control arm.

¹ ECOG was not recorded for one patient

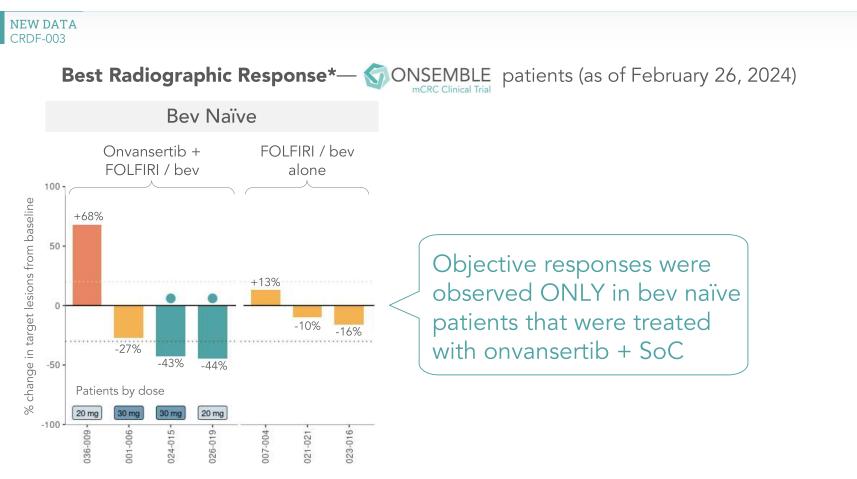
2nd line ONSEMBLE patients may or may not have received bev in 1st line

W DATA DF-003				
Bev exposed	l vs bev naïve patients	1 st LINI	Ξ	2 nd LINE
"Bev naïve"	patients who did not receive prior bev in first-line	FOLFOX 7 of 21*		FOLFIRI +
or				bevacizumab +/-
"Bev exposed"	patients who received bev in first-line	FOLFOX + bevacizumak 14 of 21*		ONVANSERTIB In the ONSEMBLE trial, all patients received FOLFIRI & bev +/-
				onvansertib

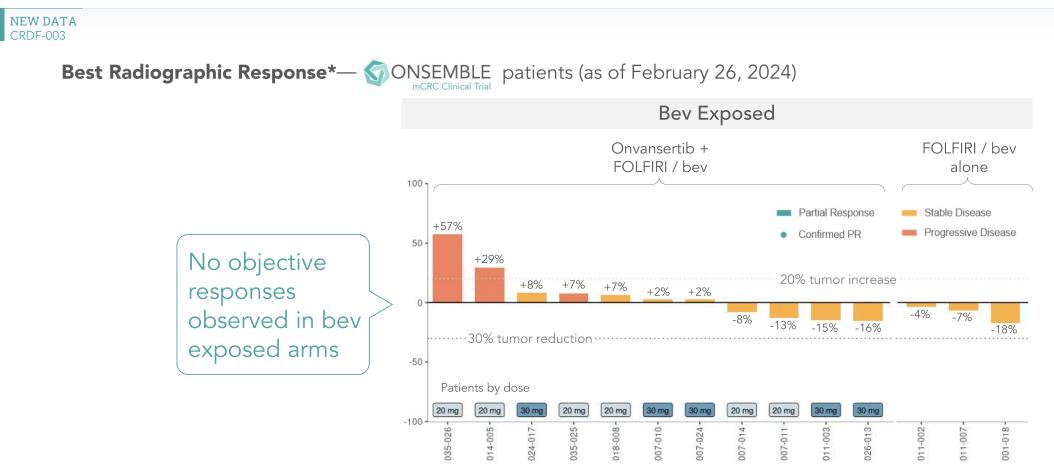
* Number of the 21 ONSEMBLE patients evaluable for efficacy that were bev naïve or bev exposed.

NEW DATA **CRDF-003** Best Radiographic Response*— SONSEMBLE patients (as of February 26, 2024) Bev Naïve **Bev Exposed** Onvansertib + FOLFIRI / bev Onvansertib + FOLFIRI / bev FOLFIRI / bev FOLFIRI / bev alone alone 100 100 % change in target lesions from baseline +68% Partial Response Stable Disease +57% Progressive Disease Confirmed PR 50 -50. +29% +13% 20% tumor increase +7% +8% +7% +2% +2% -4% -7% -8% -10% -13% -16% -15% -16% -18% 30% tumor reduction -27% -43% -44% -50 --50 Patients by dose Patients by dose 20 mg 20 mg 20 mg 20 mg 20 mg 20 mg 30 mg 20 mg 20 mg 30 mg 30 mg 30 mg 30 mg 30 mg 30 mg -100 -100 -001-006 024-015 026-019 023-016 -035-026 035-025 010-200 007-014 011-003 026-013 -001-018 018-008 007-024 007-011 011-002 036-009 007-004 014-005 011-007 021-021 024-017

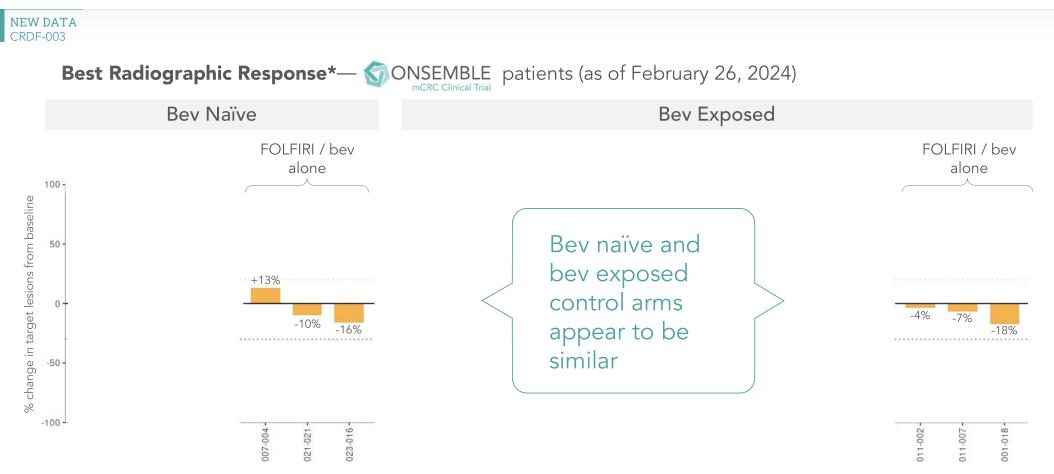
* Radiographic response determined per RECIST 1.1. Waterfall plot reflects interim data as of February 26, 2024 from an ongoing, discontinued trial and unlocked database.



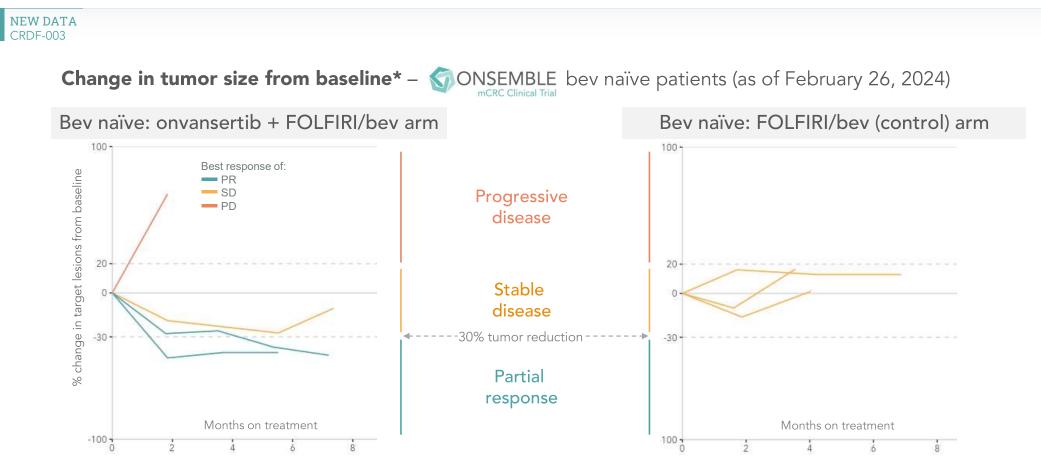
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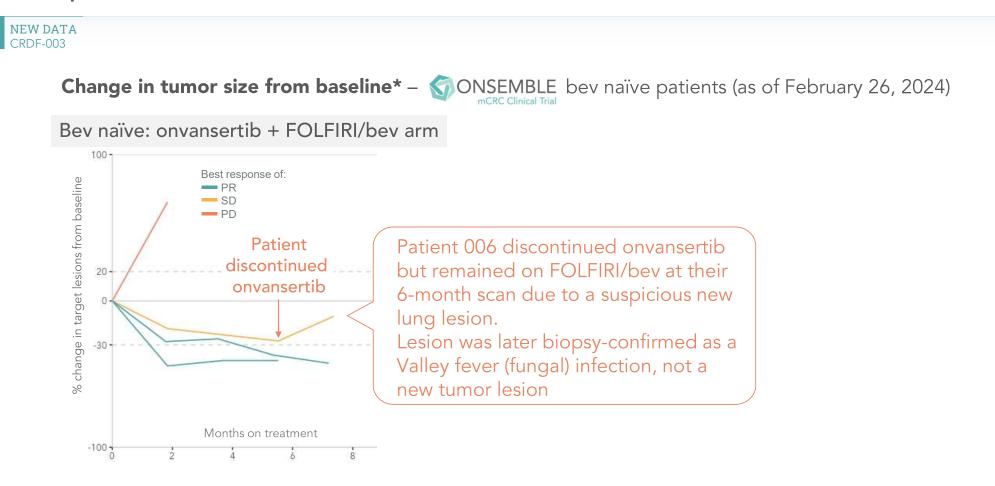
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* Spider plots reflect interim data as of February 26, 2024 from an ongoing, discontinued trial and unlocked database



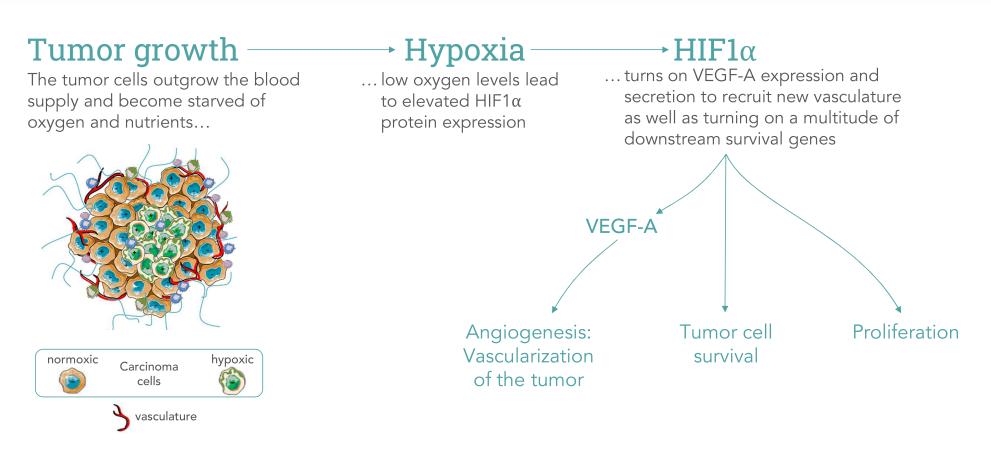
^{*} Spider plots reflect interim data as of February 26, 2024 from an ongoing, discontinued trial and unlocked database

Two independent clinical trials demonstrate the bev naïve finding

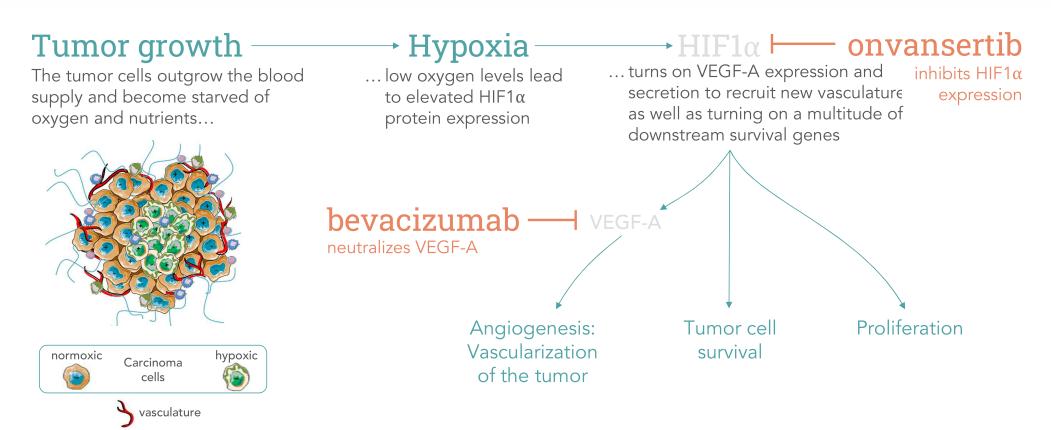
NEW DATA CRDF-003				
			Objective Respo	nse Rate (ORR) by C
		Ν	Bev Naïve	Bev Exposed
CONSEMBLE mCRC Clinical Trial Randomized	Onvansertib + SoC	15	50% (2 of 4)	0% (0 of 11)
	Control (SoC alone)	6	0% (0 of 3)	0% (0 of 3)
Phase 1b/2 Single-arm	Onvansertib + SoC	66	73% (11 of 15)	16% (8 of 51)

* Radiographic response determined per RECIST 1.1. ONSEMBLE data reflects interim data as of February 26, 2024 from an ongoing, discontinued trial and unlocked database. Onvansertib + SoC includes patients at both the 20mg and 30mg dose of onvansertib. Phase 1b/2 data reflects interim data as of June 16, 2023 from an ongoing trial and unlocked database.

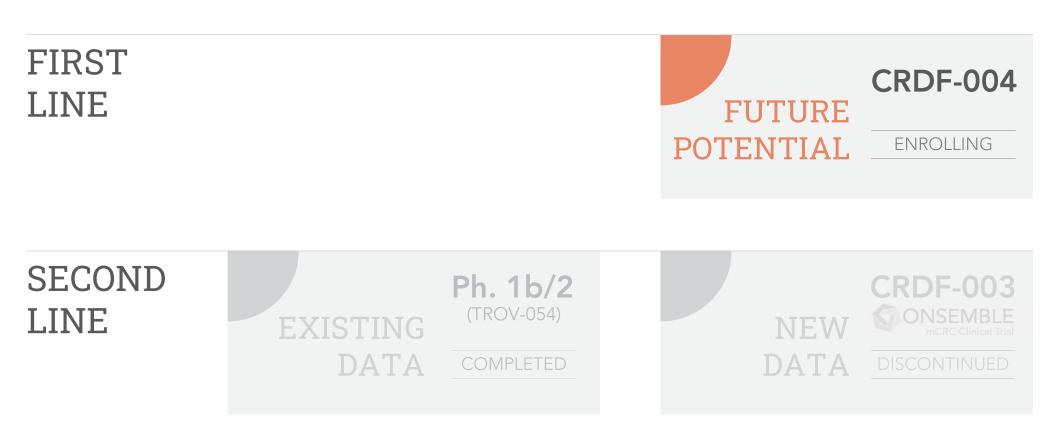
HIF1 α plays a critical role in a tumor's response to hypoxia



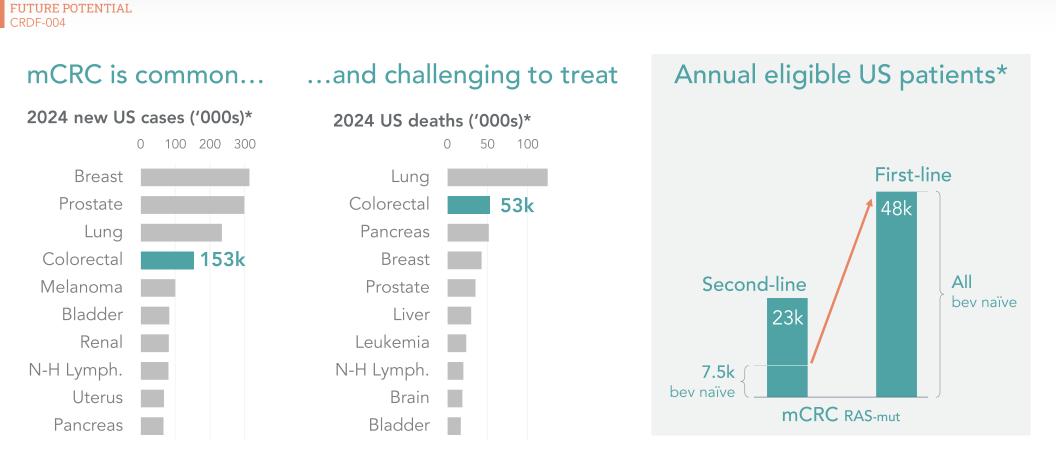
Onvansertib and bev independently inhibit tumor response to hypoxia in bev naïve tumors



Each step of our journey has reinforced the next step



Our lead program targets first-line RAS-mutated mCRC



* American Cancer Society Cancer Facts and Figures 2024, and company estimates of first-line and second-line mCRC population with KRAS- and NRAS-mutated cancers.

There is a significant unmet need in RAS-mutated mCRC first-line SoC

FUTURE POTENTIAL CRDF-004

Standard of Care for first-line RAS-mutated mCRC includes chemo + bevacizumab

Chemotherapy	FOLFOX FOLFIRI	(approved 1996) (approved 2002)
Antiangiogenic	Bevacizumab (Avastin®)	(approved 2004)
Targeted therapy	None	

Trial design of CRDF-004: first-line RAS-mutated mCRC Phase 2 trial

FUTURE POTENTIAL CRDF-004 ONVANSERTIB **ENROLLMENT CRITERIA** Standard of Care (n=30) FOLFIRI/bev or FOLFOX/bev First-line mCRC R Onvansertib 20mg (n=30) First-line SoC: KRAS+/NRAS+ +FOLFIRI/bev or FOLFOX/bev Chemo + bevacizumab N=90 Unresectable 1:1:1 Onvansertib 30mg (n=30) **28 DAY CYCLE** +FOI FIRI/bev or FOI FOX/bev No prior bev treatment **ENDPOINTS** First-line SoC: mCRK ORR Primary Chemo + bevacizumab Secondary DoR and PFS **PFIZER IGNITE** is providing clinical execution for CRDF-004 ONVANSERTIB

In CRDF-004, each arm will have an equal number of FOLFIRI/bev and FOLFOX/bev patients.

Our financial position is strong as of Q4 2023

Summary financial information as of December 31, 2023							
December 31, 2023 cash and investments*	\$74.8M						
Q4 2023 net cash used in Operating Activities*	\$7.1M						
Runway with current cash extends into 3Q 2025							
	We expect to release data from our first-line RAS mutated mCRC trial (CRDF-004) in mid-2024						

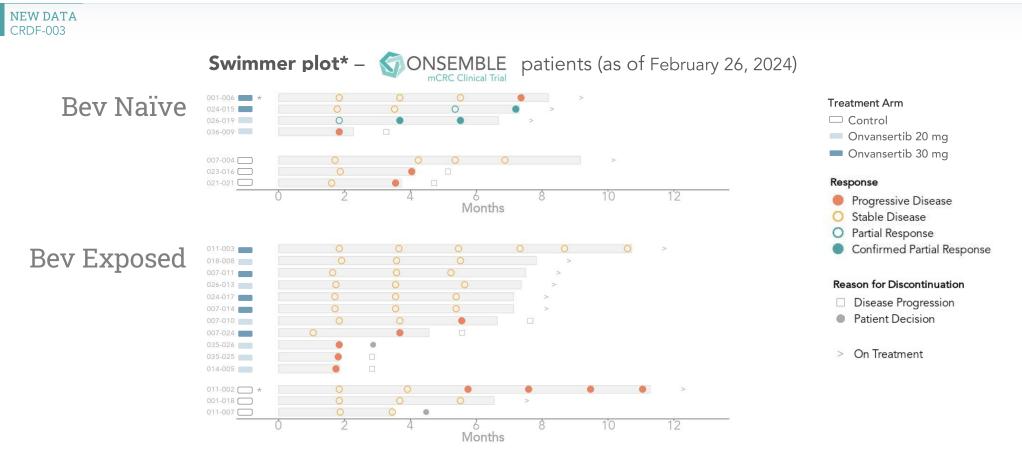
* Financial information above is derived from our audited financials in Form 10K filed on 2/29/24 and unaudited financials in Form 10Q filed on 11/2/23.

ONSEMBLE second-line data support our CRDF-004 first-line strategy

	Results from ONSEMBLE Second-line RAS-mut mCRC	Implications for CRDF-004 First-line RAS-mut mCRC
Efficacy signal in bev naïve patients	Objective responses observed <u>only</u> in bev naïve patients that received onvansertib with SoC	All first-line mCRC patients are bev naïve
No SoC signal in the control arm	No objective responses observed in bev naïve patients randomized to the control arm (SoC only)	Addition of onvansertib may improve efficacy of SoC chemo/bev
Signal in both 20mg & 30mg dose	1 partial response observed in each dose of onvansertib (20mg and 30mg)	Data from 20mg and 30mg arms could be combined for earlier efficacy evaluation

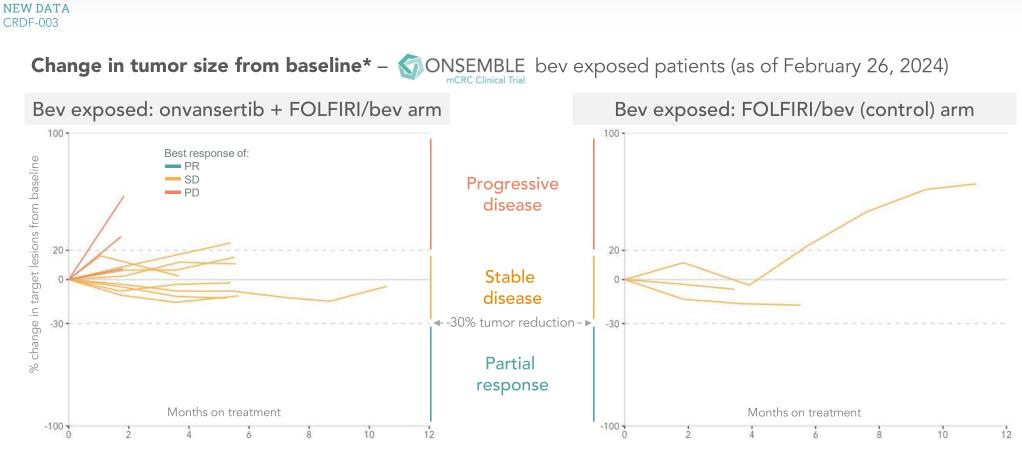


ONSEMBLE trial swimmer plot



* Swimmer plot reflects interim data as of February 26, 2024 from an ongoing, discontinued trial and unlocked database. Patient 001-006 discontinued onvansertib at their 6-month scan due to a suspicious new lung lesion, which was later biopsy-confirmed as a Valley fever (fungal) infection. Patient 011-002 continues on trial in the control arm despite progressive disease, as the treating physician believes the patient continues to have clinical benefit from second-line standard of care treatment..

Bev exposed patients, with or without onvansertib, showed no responses



* Spider plots reflect interim data as of February 26, 2024 from an ongoing, discontinued trial and unlocked database

Control Arm: Treatment Emergent Adverse Effects (TEAEs)

NEW DATA CRDF-003	N (% of total)	Grade 1	Grade 2	Grade 3	Grade 4	Total
Control arm	Any Adverse Events	6 (85.7)	6 (85.7)	3 (42.9)	0 (0.0)	6 (85.7)
	Diarrhea	3 (42.9)	1 (14.3)	0 (0.0)	0 (0.0)	4 (57.1)
(N=7)	Nausea	2 (28.6)	1 (14.3)	1 (14.3)	0 (0.0)	4 (57.1)
	Fatigue	3 (42.9)	0 (0.0)	1 (14.3)	0 (0.0)	4 (57.1)
Patients received FOLFIRI+bev	Neutropenia	0 (0.0)	3 (42.9)	0 (0.0)	0 (0.0)	3 (42.9)
No major/upoypostod toyisity soon	Stomatitis	1 (14.3)	1 (14.3)	1 (14.3)	0 (0.0)	3 (42.9)
No major/unexpected toxicity seen	Vomiting	1 (14.3)	0 (0.0)	1 (14.3)	0 (0.0)	2 (28.6)
	Alopecia	1 (14.3)	2 (28.6)	0 (0.0)	0 (0.0)	3 (42.9)
	Constipation	2 (28.6)	1 (14.3)	0 (0.0)	0 (0.0)	3 (42.9)
	Decreased appetite	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
	Insomnia	0 (0.0)	1 (14.3)	0 (0.0)	0 (0.0)	1 (14.3)
	Hypokalaemia	1 (14.3)	1 (14.3)	0 (0.0)	0 (0.0)	2 (28.6)
	Anaemia	0 (0.0)	1 (14.3)	0 (0.0)	0 (0.0)	1 (14.3)
	Cough	1 (14.3)	0 (0.0)	0 (0.0)	0 (0.0)	1 (14.3)
	Dysgeusia	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
	Dyspepsia	0 (0.0)	1 (14.3)	0 (0.0)	0 (0.0)	1 (14.3)
	Hypertension	0 (0.0)	0 (0.0)	1 (14.3)	0 (0.0)	1 (14.3)
	Lymphopenia	0 (0.0)	1 (14.3)	0 (0.0)	0 (0.0)	1 (14.3)
	Pyrexia	0 (0.0)	1 (14.3)	0 (0.0)	0 (0.0)	1 (14.3)

* Data consists of all adverse events entered into the EDC as of January 3, 2024, from an ongoing trial and unlocked database. N: number of patients; events shown occurred in ≥10% of patients; numbers indicate number of patients experiencing the event, (regardless of causality); each patient is only counted once and only for the highest grade of a given event. TEAEs: Treatment Emergent Adverse Events; Columns show the absolute # of patients and (%) of the population.

Onvansertib 30mg Arm TEAEs: Onvansertib in combination with FOLFIRI+bev is well-tolerated

NEW DATA						
CRDF-003	N (% of total)	Grade 1	Grade 2	Grade 3	Grade 4	Total
Even avive an tal avve	Any Adverse Events	7 (100.0)	7 (100.0)	4 (57.1)	0 (0.0)	7 (100.0)
Experimental arm	Diarrhea	1 (14.3)	1 (14.3)	2 (28.6)	0 (0.0)	4 (57.1)
Onv 30mg (N=7)	Nausea	2 (28.6)	1 (14.3)	0(0.0)	0 (0.0)	3 (42.9)
	Fatigue	3 (42.9)	1 (14.3)	0(0.0)	0 (0.0)	4 (57.1)
Patients received FOLFIRI+bev	Neutropenia	0 (0.0)	1 (14.3)	2 (28.6)	0 (0.0)	3 (42.9)
+30 mg dose of onvansertib	Stomatitis	2 (28.6)	1 (14.3)	0(0.0)	0 (0.0)	3 (42.9)
	Vomiting	2 (28.6)	0(0.0)	0(0.0)	0 (0.0)	2 (28.6)
No major/unexpected toxicity seen	Alopecia	1 (14.3)	1 (14.3)	0 (0.0)	0 (0.0)	2 (28.6)
	Constipation	1 (14.3)	1 (14.3)	0(0.0)	0 (0.0)	2 (28.6)
	Decreased appetite	0 (0.0)	2 (28.6)	0(0.0)	0 (0.0)	2 (28.6)
	Insomnia	3 (42.9)	0 (0.0)	0(0.0)	0 (0.0)	3 (42.9)
	Hypokalaemia	0 (0.0)	0 (0.0)	0(0.0)	0 (0.0)	0(0.0)
	Anaemia	1 (14.3)	0 (0.0)	0(0.0)	0 (0.0)	1 (14.3)
	Cough	2 (28.6)	0 (0.0)	0(0.0)	0 (0.0)	2 (28.6)
	Dysgeusia	0 (0.0)	1 (14.3)	0(0.0)	0 (0.0)	1 (14.3)
	Dyspepsia	0 (0.0)	1 (14.3)	0(0.0)	0 (0.0)	1 (14.3)
	Hypertension	0 (0.0)	1 (14.3)	1 (14.3)	0 (0.0)	2 (28.6)
	Lymphopenia	2 (28.6)	0(0.0)	0(0.0)	0 (0.0)	2 (28.6)
	Pyrexia	0 (0.0)	0 (0.0)	1 (14.3)	0 (0.0)	1 (14.3)
	Thrombocytopenia	0 (0.0)	2 (28.6)	0 (0.0)	0 (0.0)	2 (28.6)

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Onvansertib 20mg Arm TEAEs: Onvansertib in combination with FOLFIRI+bev is well-tolerated

NEW DATA CRDF-003	N (% of total)	Grade 1	Grade 2	Grade 3	Grade 4	Total
	N (70 01 total)	Ulade I	UTAGE 2	Clade 5	UIAGE 4	TOLAI
Experimental arm	Any Adverse Events	8 (100.0)	7 (87.5)	2 (25.0)	2 (25.0)	8 (100.0)
-	Diarrhea	4 (50.0)	3 (37.5)	0(0.0)	0 (0.0)	7 (87.5)
Onv 20mg (N=8)	Nausea	3 (37.5)	3 (37.5)	0(0.0)	0 (0.0)	6 (75.0)
	Fatigue	2 (25.0)	0 (0.0)	1 (12.5)	0 (0.0)	3 (37.5)
Patients received FOLFIRI+bev	Neutropenia	1 (12.5)	0 (0.0)	1 (12.5)	2 (25.0)	3 (37.5)
+20 mg dose of onvansertib	Stomatitis	1 (12.5)	1 (12.5)	0 (0.0)	0 (0.0)	2 (25.0)
	Vomiting	2 (25.0)	2 (25.0)	0 (0.0)	0 (0.0)	4 (50.0)
No major/unexpected toxicity seen	Alopecia	2 (25.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (25.0)
2 Grade 4 TEAEs of neutropenia	Constipation	1 (12.5)	0 (0.0)	0 (0.0)	0 (0.0)	1 (12.5)
seen in patients (008 and 019)	Decreased appetite	2 (25.0)	2 (25.0)	0 (0.0)	0 (0.0)	4 (50.0)
receiving 20mg onvansertib+SoC	Insomnia	1 (12.5)	0 (0.0)	0 (0.0)	0 (0.0)	1 (12.5)
	Hypokalaemia	1 (12.5)	0 (0.0)	1 (12.5)	0 (0.0)	2 (25.0)
Both patients recovered after	Anaemia	1 (12.5)	0 (0.0)	0 (0.0)	0 (0.0)	1 (12.5)
delaying their next cycle of	Cough	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
treatment for 7 and 10 days,	Dysgeusia	2 (25.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (25.0)
respectively	Dyspepsia	0 (0.0)	1 (12.5)	0 (0.0)	0 (0.0)	1 (12.5)
 Both patients are still on-trial 	Hypertension	0 (0.0)	0 (0.0)	0(0.0)	0 (0.0)	0 (0.0)
	Lymphopenia	0 (0.0)	0(0.0)	0(0.0)	0 (0.0)	0 (0.0)
	Pyrexia	1 (12.5)	0 (0.0)	0 (0.0)	0 (0.0)	1 (12.5)
	Thrombocytopenia	0 (0.0)	1 (12.5)	0 (0.0)	0 (0.0)	1 (12.5)

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