UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 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): September 26, 2023



Cardiff Oncology, Inc.

(Exact name of registrant as specified in its charter)

001-35558 (Commission File Number) 27-2004382 IRS Employer Identification No.)

Delaware (State or other jurisdiction of incorporation or organization)

> 11055 Flintkote Avenue San Diego, CA 92121

San Diego, CA 92121 (Address of principal executive offices)

Registrant's telephone number, including area code: (858) 952-7570

(Former name or former address, if changed since last report)

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

Title of each class:

Trading Symbol CRDF Name of each exchange on which registered: Nasdaq Capital Market

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:

0 Written communication pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

0 Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

0 Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

0 Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in 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 O

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. 0

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Item 7.01 Regulation FD Disclosure

Cardiff Oncology, Inc. (the "Company") intends to conduct meetings with third parties in which its corporate slide presentation will be presented. A copy of the presentation materials is attached as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference.

The information in this Item 7.01 and the document attached as Exhibit 99.1 is being furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities and Exchange Act of 1934, as amended (the "Exchange Act"), nor otherwise subject to the liabilities of that section, nor incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

Item 8.01 Other Events.

On September 26, 2023, the Company issued a press release announcing positive clinical data with onvansertib monotherapy and combination therapy in our ongoing trials in metastatic pancreatic ductal adenocarcinoma (mPDAC) and small cell lung cancer (SCLC), as well as plans for a mPDAC first-line investigator-initiated trial (IIT) of the combination of onvansertib plus standard of care (SoC). A copy of the press release is attached as Exhibit 99.2 hereto and incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits.

 99.1
 Cardiff Oncology. Inc. Corporate Presentation

 99.2
 Press Release of Cardiff Oncology. Inc. dated September 26, 2023

SIGNATURE

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

Dated: September 26, 2023

CARDIFF ONCOLOGY, INC.

By: /s/ Mark Erlander Mark Erlander

Chief Executive Officer

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Pancreatic Cancer and Small Cell Lung Cancer Program Updates

SEPTEMBER 26, 2023

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 a number of 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, our need for additional financing; our ability to continue as a going concern; 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 candidates; our clinical trials may encounter delays in initiation or enrollment that impact the cost and timing of the trial readout; risks related to business interruptions, including the outbreak of COVID-19 coronavirus, 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; regulatory, and risks related to failure to obtain FDA clearances or approvals and noncompliance with FDA regulations. There are no guarantees that any of our technology or products 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 any precision medicine therapeutics 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, 2022, 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 forwardlooking 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.

Highlights of today's mPDAC and SCLC program update

Metastatic Pancreatic Ductal Adenocarcinoma (mPDAC)

1. CRDF-001 trial

- Onvansertib, in combination with 2nd line standard-of-care, generated an efficacy signal and was well-tolerated
- 2. Biomarker discovery investigator-initiated trial
 - Onvansertib monotherapy generated an efficacy biomarker response
 - Onvansertib inhibited hypoxia-response pathway in treatment-responsive patient
- 3. First-line investigator-initiated trial planned

Small Cell Lung Cancer (SCLC)

Monotherapy investigator-initiated trial

• Confirmed PR in first seven patients in onvansertib monotherapy trial

Onvansertib specifically targets PLK1, a well-established cancer targe

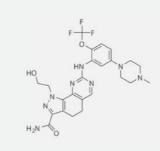
Onvansertib

First oral, well-tolerated PLK1-selective inhibitor



PROPERTIES

- Small molecule
- Oral dosing
- 24-hour half-life



SPECIFICITY

Exquisitely specific for PLK1

ENZYME	IC ₅₀ (µM)
PLK1	0.002
PLK2	>10
PLK3	>10
CK2	0.4
FLT3	0.4
CDK1/CycB	>10
42 other kinases and >140 in the Millipore panel	>10

Our pipeline opens many attractive opportunities for onvansertib

	Line of Therapy	Trial	IIT*	Ph2	Ph3	Combination w
mCRC (RAS-mut)	1 st line	Ph 2 (w/Pfiz	zer)	randomized		FOLFIRI/ and FOLFOX/
(KAS-Mut)	2 nd line	Ph 1b/2		completed		FOLFIRI/
mPDAC	2 nd line	Ph 2				Nal-IRI/leucovc 5
	1 st line	Ph 2	OHSU Knight Cancer Institute	e -		Gemzar®/Abraxa
SCLC	2 nd line	Ph 2	UPMC CHANGING MEDICINE			None (monothe
TNBC	2 nd line	Ph 2	Cancer Institute			Paclit

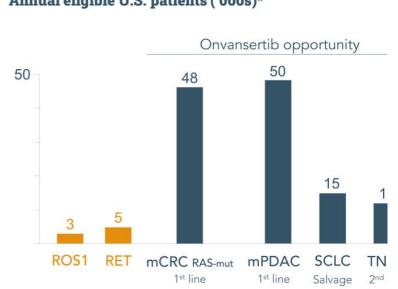
* For investigator-initiated trials (IITs) only, the investigator's institution is provided.

Onvansertib's MOA targets large patient populations with unmet nee



DS1 estimated eligible patients presented in ming Point Therapeutics' corporate seentation May 2022 silde 6 (NSCLC disease idence in the US of 140k of which 2% of tients harbor ROS1 translocation). RET timated eligible patients presented in Loxo icology's corporate presentation January 2018 icology of Form 8-K (Jan 8, 2018).

mCRC estimated population includes 1st line, KRAS- and NRAS-mutated cancers, mPDAC estimated population includes 1st line PDAC patients. SCLC estimated population includes SCLC salvage patients. TNBC estimated population includes invasive, 2nd line TNBC patients.



Annual eligible U.S. patients ('000s)*

inva





Small Cell Lung Cancer (SCLC)

Data from two mPDAC trials provides a path forward in 1st line settin

mPDAC CRDF-001 Ph 2 Second-Line Trial

• Combination with Nal-irinotecan/leucovorin/5-FU

mPDAC Biomarker Discovery Trial (IIT)

 Patients have 10 days of onvansertib monothera with pre- and post-therapy biopsies and bloody



Path forward: Move to 1st line mPDAC

• New IIT combining onvansertib with SoC (Gemzar/Abraxane)

Data from two mPDAC trials provides a path forward in 1st line settin

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Path forward: Move to 1st line mPDAC

• New IIT combining onvansertib with SoC (Gemzar/Abraxane)

CRDF-001 mPDAC 2nd line Ph2 trial combines onvansertib with SoC

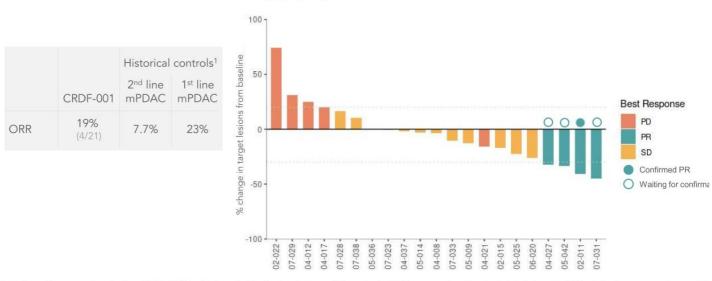
ONVANSER1

6

15 mg/

ENROLLMENT CRITERIA OBJECTIVE To determine the efficacy 2nd line refractory patients and safety of onvansertib Measurable tumor by when added to standard 2nd-Line SoC: Nal-IRI RECIST 1.1 of care + leucovorin + 5-FU PRIMARY ENDPOINT mPDAC ORR (RECIST 1.1) **14 DAY** CYCLE SECONDARY ENDPOINT Disease Control Rate (DCR)

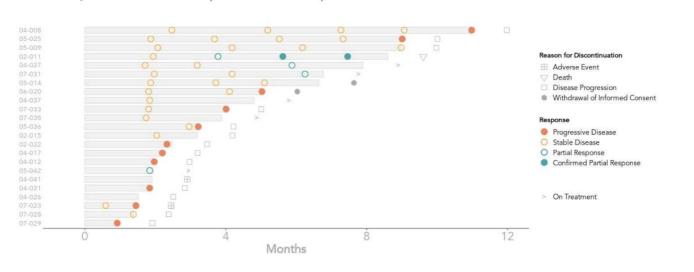
Onvansertib+SoC has higher efficacy than 2nd line historical controls



Best Radiographic Response - 21 evaluable patients (as of September 13, 2023)*

Radiographic response determined per RECIST 1.1. Waterfall plot and table reflect interim data as of September 13, 2023 from an ongoing trial and unlocked database. For ORR analysis, there are two patients exclude (04-026 and 04-041) that had two cycles of treatment but left the trial before their first post-baseline scan.
 FDA insert for Onivyde (NaI-IRI): https://www.accessdata.fda.gov/drugsatfda_docs/label/2015/207793lbl.pdf; 387: 545–57. Von Hoff et al., N Engl J Med 2013; 369:1691-703.

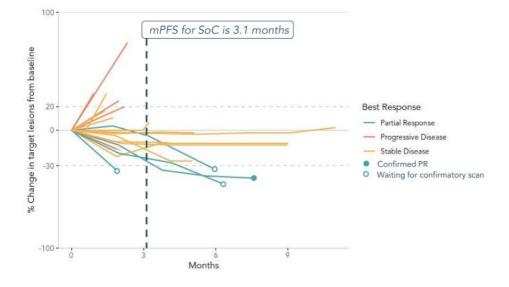
Stable disease patients have converted to partial responses over time



Swimmer plot - 23 evaluable patients (as of September 13, 2023)*

Swimmer plot reflects interim data as of September 13, 2023 from an ongoing trial and unlocked database. For the swimmer plot, there are two patients included (04-026 and 04-041) that had two cycles of treatmen but left the trial before their first post-baseline scan.

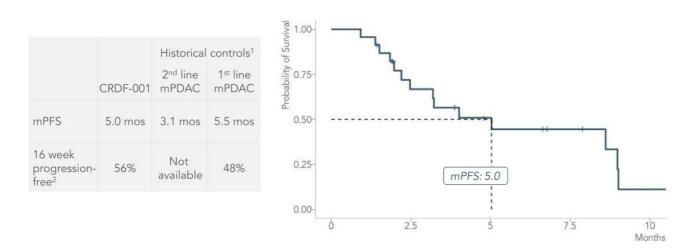
Patient responses to onvansertib+SoC can deepen over time



Spider plot - 21 evaluable patients (as of September 13, 2023)*

Spider plot reflect interim data as of September 13, 2023 from an ongoing trial and unlocked database. For ORR analysis, there are two patients excluded (04-026 and 04-041) that had two cycles of treatment but left the trial before their first post-baseline scan.

Onvansertib+SoC has longer median PFS than 2nd line historical conti



Progression-free survival - 23 evaluable patients (as of September 13, 2023)*

Onvansertib mPFS are interim data as of September 13, 2023 from an ongoing trial and unlocked database. For PFS analysis, there are two patients included (04-026 and 04-left the trial before their first post-baseline scan.
 FDA insert for Onivyde (Nal-IRI): https://www.accessdata.fda.gov/drugsatfda_docs/label/2015/207793lbl.pdf; 387: 545–57. Von Hoff et al., N Engl J Med 2013; 369:1691-703.
 Probability of being progression-free at 16 weeks using KM survival analysis. Data not available for 2nd line

Data from two mPDAC trials provides a path forward in 1st line settin

mPDAC CRDF-001 Ph 2 Second-Line Trial

Combination with Nal-irinotecan/leucovorin/5-FU

mPDAC Biomarker Discovery Trial (IIT)

 Patients have 10 days of onvansertib monothera with pre- and post-therapy biopsies and bloody



Path forward: Move to 1st line mPDAC

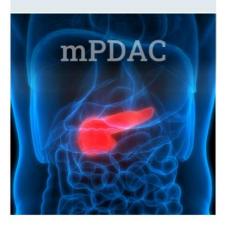
• New IIT combining onvansertib with SoC (Gemzar/Abraxane)

mPDAC Biomarker Discovery trial evaluates onvansertib monotherap

Investigator-initiated trial at OHSU Knight Cancer Center

ENROLLMENT CRITERIA

Patients with metastatic pancreatic cancer (any line)



OBJECTIVES

Responsive biomarkers

 To demonstrate pancreatic tumor response to onvansertib monotherapy by measuring Ki67 and CA 19-9

Predictive biomarkers

 Use multi-omic analyses to identify predictive biomarkers of pancreatic tumor response to onvansertib

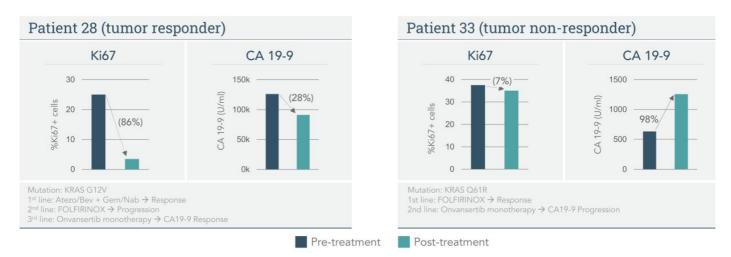


Obtain biopsies / bloodwork before and after 10 days of onvansertib monothera to conduct extensive multi-omic analyse

Onvansertib monotherapy decreased tumor proliferation and CA19-9

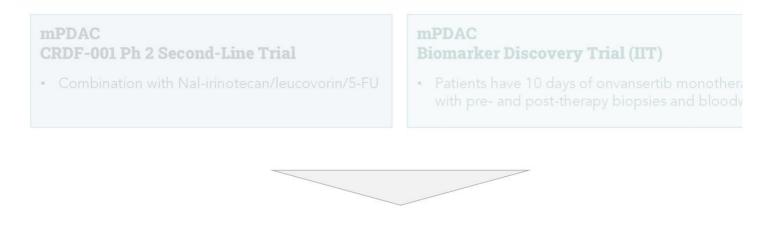
Biomarker Discovery Trial: Biomarker Response* - 2 patients (as of September 13, 2023)

- · Ki67 is a well-established marker of tumor proliferation
- CA 19-9 is a clinically-used biomarker to monitor treatment response



* Patient 28 and patient 33 had liver matastases and biopsies were taken pre- and post-onvansertib monotherapy treatment for ten days.

Data from two mPDAC trials provides a path forward in 1st line settin



Path forward: Move to 1st line mPDAC

• New IIT combining onvansertib with SoC (Gemzar/Abraxane)

Proposed mPDAC 1st line Ph2 trial combines onvansertib with SoC

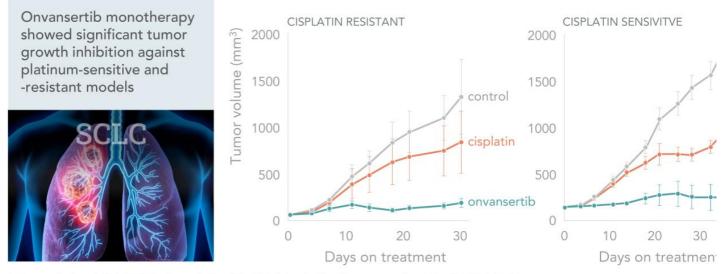
Proposed investigator-initiated trial with the OHSU Knight Cancer Institute



* If a DLT occurs at dose level 1; then omit day 8 chemo only, and continue with onvansertib 30mg dose; but if toxicity persists at day 15, then decrease onvansertib dose to 20mg daily



Onvansertib demonstrates single-agent activity in preclinical SCLC mod



In vivo efficacy of onvansertib monotherapy (SCLC xenografts)*

* Mice were implanted with SCLC PDX and treated with vehicle, cisplatin 3mg/kg IP weekly, or onvansertib oral 60mg/kg 10 ON / 4 OFF

TRIAL RATIONALE

Trial design for onvansertib monotherapy in extensive stage SCLC

ENROLLMENT CRITERIA

Relapsed who have received ≤2 prior therapies

Single-arm trial Stage 1: N=15 Stage 2: N=20 UPMC



OBJECTIVE

To determine the efficacy and safety of onvansertib monotherapy

PRIMARY ENDPOINT

ORR (RECIST 1.1)

SECONDARY ENDPOINTS

Progression-Free Survival (PFS) Overall Survival (OS)



Preliminary safety and efficacy for onvansertib monotherapy in SCLC

ENROLLMENT CRITERIA

Relapsed who have received ≤2 prior therapies

Single-arm trial Stage 1: N=15 Stage 2: N=20 UPMC



PRELIMINARY SAFETY (N=6)

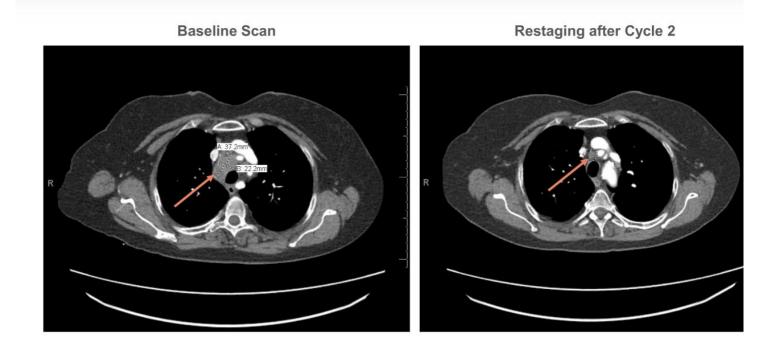
IRB reviewed safety data for the first 6 patients. Post IRB review, the trial continues to enroll with no conditions.

PRELIMINARY EFFICACY (N=7)

Best response	PR	SD	PD
# of patients	1	3	3
	(confirmed)		

Disease control rate = 57% (4/7)

Radiographic scans for patient with a confirmed PR in SCLC IIT



We have multiple near-term clinical data read outs

2023			2024				2025	
	Q2 Q3			Q2		Q4		
	mPDAC data readout			1 st line randoi data re	nized			
	SCLC data readout							
June 30, 2023 cash and investments*					\$8	89.4M		
Net cash used in Operating Activities* (Rolling two-quarter period ending June 30, 2023)				\$1				
	n our current projectio	ons we expe	ect that ou	r capital res	ources ar	e sufficien	t to fund	

Highlights of today's mPDAC and SCLC program update

Metastatic Pancreatic Ductal Adenocarcinoma (mPDAC)

1. CRDF-001 trial

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Small Cell Lung Cancer (SCLC)

Monotherapy investigator-initiated trial

• Confirmed PR in first seven patients in onvansertib monotherapy trial



Cardiff Oncology Announces Positive Clinical Data in Pancreatic Cancer and Small Cell Lung Cancer, including Single-Agent Activity from Onvansertib Monotherapy

Pancreatic Cancer Program

- Pancreatic cancer Phase 2 trial of onvansertib + SoC in the second-line setting demonstrated greater efficacy vs. historical controls with ORR of 19% (vs. 7.7%) and mPFS of 5.0 months (vs. 3.1 months) -

- Pancreatic cancer biomarker discovery trial in refractory patients demonstrated tumor biomarker response to onvansertib treatment as a single-agent -

- Based on positive data from both pancreatic trials and supportive preclinical data, a first-line pancreatic investigator-initiated trial is planned to evaluate the efficacy of onvansertib + SoC -

Small Cell Lung Cancer Program

- Preliminary data from small cell lung cancer Phase 2 trial in refractory patients with extensive stage disease demonstrate single-agent activity from onvansertib monotherapy -

- Company will hold a conference call today at 5:00 p.m. ET/2:00 p.m. PT -

SAN DIEGO, September 26, 2023 -- Cardiff Oncology, Inc. (Nasdaq: CRDF), a clinical-stage biotechnology company leveraging PLK1 inhibition to develop novel therapies across a range of cancers, today announced positive clinical data with onvansertib monotherapy and combination therapy in our ongoing trials in metastatic pancreatic ductal adenocarcinoma (mPDAC) and small cell lung cancer (SCLC), as well as plans for a mPDAC first-line investigator-initiated trial (IIT) of the combination of onvansertib plus standard-of-care (SoC).

"We are excited that the data released from these trials, in two challenging cancers with low survival rates, expands the opportunity for onvansertib beyond our lead program in RAS-mutated mCRC," said Mark Erlander, Ph.D., Chief Executive Officer of Cardiff Oncology. "In pancreatic cancer, the strength of the data provides a clear rationale for a first-line trial using onvansertib in combination with standard of care, which we believe provides the greatest opportunity for a positive impact on patients. In small cell lung cancer, we are encouraged to observe single-agent activity with onvansertib monotherapy in this difficult-totreat extensive stage refractory setting."

mPDAC Phase 2 CRDF-001 trial: 19% ORR and 5.0-month mPFS

Data from the ongoing Phase 2 open-label trial of onvansertib combined with nanoliposomal irinotecan, leucovorin, and 5-FU in patients with second-line mPDAC demonstrated an objective response rate (ORR) of 19% (4 of 21 evaluable patients; 1 confirmed PR, 3 waiting for confirmatory scan) and median progression-free survival (mPFS) of 5.0 months as of the data cutoff of September 13, 2023. Historical control trials in similar patient populations have shown an ORR of 7.7% and mPFS of 3.1 months with SoC.

mPDAC biomarker discovery trial: decrease in clinically-validated tumor biomarkers from onvansertib monotherapy

The investigator-initiated biomarker discovery trial is exploring the impact of onvansertib 10-day monotherapy on tumors in mPDAC patients, and is currently enrolling at the Oregon Health & Science University (OHSU) Knight Cancer Institute. Two patients have been enrolled to date. One patient demonstrated an 86% decrease in Ki67, a well-established biomarker of tumor proliferation, and a 28% decrease in CA 19-9, a clinically-used biomarker to monitor treatment response.

"Serum carbohydrate antigen 19-9 is the most extensively studied and validated serum biomarker in PDAC, which provides a clinically meaningful surrogate for response to treatment. We are encouraged by the ability of onvansertib to provide an approximately 30% reduction in this biomarker with only 10 days of monotherapy in a refractory setting," said Fairooz Kabbinavar, MD, Chief Medical Officer of Cardiff Oncology. "We will continue to explore onvansertib in the first-line mPDAC investigator-initiated trial at the OHSU Knight Cancer Institute."

Update in Clinical Development Plan for mPDAC

The next trial in mPDAC will be a new Phase 2 investigator-initiated trial at OHSU Knight Cancer Institute in mPDAC in the first-line setting. There are two cohorts in this trial. In cohort 1, patients will receive the combination of onvansertib with SoC (Gemzar + Abraxane). In cohort 2, patients will receive 10 days of onvansertib monotherapy followed by onvansertib + SoC to identify biomarkers that predict response to onvansertib.

SCLC Phase 2 Investigator-Initiated Trial

The ongoing Phase 2 trial of onvansertib monotherapy in patients with relapsed extensive stage SCLC who have received up to two prior therapies is currently enrolling patients at the University of Pittsburgh Medical Center. An examination of the safety data from the first six patients by the institutional review board confirmed the trial can continue to enroll as planned. Preliminary efficacy data in evaluable patients will be discussed on the company conference call.

Conference Call and Webcast

Cardiff Oncology will host a corresponding conference call and live webcast at 5:00 p.m. ET/2:00 p.m. PT on September 26, 2023. Individuals interested in listening to the live conference call may do so by using the webcast link in the "Investors" section of the company's website at <u>www.cardiffoncology.com</u>. A webcast replay will be available in the investor relations section on the company's website for 30 days following the completion of the call.

About Cardiff Oncology, Inc.

Cardiff Oncology is a clinical-stage biotechnology company leveraging PLK1 inhibition, a well-validated oncology drug target, to develop novel therapies across a range of cancers. The Company's lead asset is onvansertib, a PLK1 inhibitor being evaluated in combination with standard-of-care (SoC) therapeutics in clinical programs targeting indications such as RAS-mutated metastatic colorectal cancer (mCRC) and metastatic pancreatic ductal adenocarcinoma (mPDAC), as well as in investigator-initiated trials in small cell lung cancer (SCLC) and triple negative breast cancer (TNBC). These programs and the Company's broader development strategy are designed to target tumor vulnerabilities in order to overcome treatment resistance and deliver superior clinical benefit compared to the SoC alone. For more information, please visit https://www.cardifioncology.com.

Forward-Looking Statements

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