A STUDY OF RELACORILANT IN COMBINATION WITH **NAB-PACLITAXEL IN** PATIENTS WITH METASTATIC PANCREATIC DUCTAL ADENOCARCINOMA (MPDAC)



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Conclusions

- No new safety signals were observed with relacorilant + nab-paclitaxel.
- Whole blood RNA analysis confirmed that the combination of relacorilant + nab-paclitaxel suppresses glucocorticoid receptor (GR) target genes, similar to the findings in other tumor types.
- Modest antitumor activity of relacorilant + nab-paclitaxel was observed in this study of heavily pretreated patients with mPDAC.
- While relacorilant + nab-paclitaxel showed antitumor activity, the apparent level of benefit did not justify further study as a treatment for end-stage pancreatic cancer.
- Relacorilant + nab-paclitaxel continues to be evaluated for the treatment of other tumor types.

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Background

- (Modified) FOLFIRINOX or nab-paclitaxel and gemcitabine lead to only modest improvements to OS.^{2,3} • Third-line treatment options for mPDAC are limited, with response rates near 0%.²
- Most patients ultimately succumb to the disease due to the emergence of chemotherapy resistance.⁴ One mechanism of resistance is driven by cortisol, which can inhibit drug-induced apoptosis by binding to the GR, activating tumor survival genes such as SGK1 and DUSP1.^{5,6}
- Preclinical and clinical data indicate that modulation of GR signaling can reverse the anti-apoptotic effects of cortisol, thereby enhancing the efficacy of cytotoxic agents.⁷
- Relacorilant is a reversible, selective GR modulator (SGRM) that has shown promise in resensitizing tumors to taxanes in preclinical models in various solid tumors.⁷ In a phase 2 study in patients with ovarian cancer, relacorilant + nab-paclitaxel showed improved
- progression-free survival (PFS) without increased side effects compared to nab-paclitaxel alone.
- Here, we report the results of RELIANT, a trial evaluating the efficacy and safety of relacorilant with nab-paclitaxel in patients with mPDAC.

RELIANT Study Design

- RELIANT (NCT04329949) was a single-arm, open-label, multicenter study of relacorilant (100 mg once daily titrating up to 150 mg in 25 mg increments) + nab-paclitaxel (80 mg/m² on Days 1, 8, and 15 of each 28-day cycle) in patients with histologically confirmed mPDAC. Relacorilant inhibits the CYP3A4-mediated metabolism of nab-paclitaxel, resulting in increased nab-paclitaxel exposure when co-administered.⁸ Nab-paclitaxel 80 mg/m² combined with relacorilant approximates the exposure achieved with 100 to 125 mg/m² nab-paclitaxel alone.⁹ • Prophylactic G-CSF administration was required to reduce neutropenia risk.
- Patients with mPDAC who had received ≥2 prior lines of therapy for PDAC in any setting, including prior gemcitabine-based therapy and fluoropyrimidine-based therapy, were enrolled.
- Planned enrollment was approximately 80 patients.
- The primary endpoint of the study was ORR as assessed by blinded independent central review. • Key secondary endpoints include ORR by investigator, duration of response (DOR), PFS, OS, and assessment of cancer antigen 19-9 (CA19-9) in patients with elevated CA19-9 at baseline.

Patient population Histologically confirmed mPDAC

- 2 to 4 prior lines
- of therapy • Prior gemcitabine- and
- fluoropyrimidine-based therapy

*Starting 100 mg once daily with titration up to 150 mg once daily in 25 mg increments. [†]Including second radiographic assessment and ≥1 post-baseline tumor assessment other than non-evaluable G-CSF, granulocyte colony-stimulating factor; PD, progressive disease.

2

Age, median (range
<65, n (%)
≥65, n (%)
Sex, male, n (%)
Ethnicity, n (%)
Hispanic or Latino
Not Hispanic or La
Not reported
Number of prior the
2
3
≥4
Number of prior the
In any setting
Prior therapy in any
Prior gemcitabine
No prior nab-paclit

Of patients with

- Pancreatic cancer remains the third leading cause of cancer-related death in the United States.¹
- The average overall survival (OS) after diagnosis of advanced, metastatic disease is only 1 year.^{2,3}
- Chemotherapy resistance is a major concern in the treatment of pancreatic cancer.⁴

- The study included a planned interim analysis after approximately 40 patients had completed 12 weeks of treatment or discontinued due to disease progression or toxicity.
- \circ The interim analysis included 43 patients (with data cutoff date of May 25, 2021).
- Objective response rate (ORR) by investigator was used to determine whether to continue or stop enrollment after the interim analysis.



Baseline Demographics and Disposition

• A total of 43 patients were enrolled.

• As of April 15, 2022, all patients have discontinued the study.

• The most common reasons for discontinuation from relacorilant were disease progression (n=17, 39.5%), adverse event (AE; n=10, 23.3%), and patient decision (n=8, 18.6%).

	Relacorilant + nab-paclitaxel (N=43)
е), у	64 (43, 78)
	22 (51.2)
	21 (48.8)
	24 (55.8)
)	3 (7.0)
atino	37 (86.0)
	3 (7.0)
erapy lines	
	16 (37.2)
	17 (39.5)
	10 (23.3)
erapies in metastatic setting, median (range)	3 (2, 4)
	3 (2, 5)
y setting, n (%)	
and prior fluoropyrimidine	43 (100.0)
taxel	3 (7.0)
no prior nab-paclitaxel, other prior taxane	1 (33.3)

Investigator a ORR (confirm Best overall CR PR SD PD Non-evaluat **Disease cont** At 6 weeks At 12 weeks At ≥18 week PFS, media OS, mediar

No. of prior lines

Prior nab-paclitaxel

Lung lesion Liver lesion

Baseline CA19-9 KPS, Karnofsky performance status

Preferred term, n (%)	Relacorilant + nab-paclitaxel (N=43)
Fatigue	35 (81.4)
Nausea	21 (48.8)
Decreased appetite	17 (39.5)
Vomiting	15 (34.9)
Anemia	14 (32.6)
Hypoalbuminemia	12 (27.9)
Neutrophil count decreased	12 (27.9)
Abdominal pain	11 (25.6)
Back pain	11 (25.6)
Diarrhea	10 (23.3)
Hypokalemia	10 (23.3)
Hyponatremia	9 (20.9)
Peripheral edema	9 (20.9)
White blood cell count decreased	9 (20.9)
MedDRA version: 23.0.	

Antitumor Activity Observed in a Heavily Pretreated Patient Population

• In the efficacy-evaluable population, 17/31 (54.8%) patients had a best overall resonse of CR or PR. • In these end-stage pancreatic cancer patients, 12/43 (28%) did not reach the first post-baseline radioagraphic assessment • The ORR by investigator did not meet the predefined threshold of ≥10%, and enrollment was stopped after the interim analysis (May 25, 2021).

Efficacy endpoints for RELIANT in the evaluable population

	ITT population	Evaluable population
assessment per RECIST v1.1	(N=43)	(N=31)
ied), n (%)	0	0
response (confirmed or unconfirmed), n (%)		
	0	0
	2 (4.7)	2 (6.5)
	15 (34.9)	15 (48.4)
	14 (32.6)	14 (45.1)
ole	12 (27.9)	0
rol rate,* n (%)		
	16 (37.2)	16 (51.6)
5	10 (23.3)	10 (32.3)
<s< td=""><td>5 (11.6)</td><td>5 (16.1)</td></s<>	5 (11.6)	5 (16.1)
n (95% CI), months	1.6 (1.4, 3.1)	N/A
(95% CI), months	3.9 (2.8, 4.9)	N/A
n included all enrolled patients who were treated with ≥1 dose of	combination treatment. The evaluable population in	cluded all patients in the ITT population who had

non-evaluable). *Defined as the percentage of patients with confirmed or unconfirmed CR or PR, or SD at 6, 12, or interval: CR. complete response: ITT. intent-to-treat: N/A. not available: PR. partial response: RECIST. Response Evaluation Criteria in Solid Tumors: SD. stable disease.

• Relacorilant + nab-paclitaxel demonstrated antitumor activity, with 15/32 (46.9%) patients with baseline and post-baseline assessments of target lesions showing decreases in target lesion size.

• Patients remained on treatment for 1 to 17 cycles.

• In 17/39 (43.5%) patients with elevated CA19-9 at baseline, CA19-9 decreased; in 5/39 (12.8%) the decrease was >50%.

Waterfall plot of best percent change from baseline in target lesions in patients with a post-baseline target lesion measurement



Safety Profile of Relacorilant + Nab-paclitaxel

Incidence of treatment-emergent AEs (≥20%)

- All patients (n=43) reported ≥ 1 treatment-emergent AE.
- \circ Grade ≥3 AEs were experienced by 37 patients (86.1%). • AE that led to a fatal outcome was reported for 3 patients
- (7.0%)• Of note, 19 patients (44.2%) experienced neutropenia or decreased neutrophil count.
- Of the 43 patients, 6 (14.0%) had ≥ 1 serious AE related to relacorilant.
- Serious AEs included fever, fatigue, febrile neutropenia, pneumonitis, failure to thrive, diarrhea, vomiting, cytopenia, abdominal pain, and ascites.
- Cases were confounded by nab-paclitaxel treatment and underlying disease and most did not lead to relacorilant dose modification.
- Overall, the safety profile of relacorilant + nab-paclitaxel observed in this study is consistent with that from previous relacorilant studies in oncology.^{9,10}





- Genes upregulated in response to a GR agonist (prednisone) in whole blood were identified in a separate study.
- These genes were suppressed by relacorilant + nab-paclitaxel.*

*Patients that received prohibited concomitant medications were not included in this analysi C, cycle; D, day.

Reduction in Tumor Size Observed by CT and FDG PET

Patient CT and FDG PET scans after treatment with relacorilant + nab-paclitaxel Patient 1

Target Lesion

Target Lesion 2



with 3 prior lines of therapy, including nab-paclitaxel. Patient was on treatment for 9 cycles. Multiple heterogeneously appearing hepatic metastases are present at baseline (yellow arrow and white circle). The metastatic lesions demonstrate tumor shrinkage and necrosis over time.

Patient 2

Week 7

74-year-old male patient with 3 prior lines of therapy, including nab-paclitaxel. Patient was on treatment for cycles. Metastatic disease, with FDG PET avid uptake involving the right adrenal gland and several neal lymphadenopathy, was noted at baseline. At Week 7, improvement in FDG PET with retroperitoneal /mph node stability and shrinkage was observed. (Yellow arrow = left periaortic lymph node, white arrow = aortocaval lymph node; white circle = right adrenal gland.)

CT, computed tomography; FDG PET, fluorodeoxyglucose positron emission tomography.

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Disclosures

Erkut H. Borazanci: Data safety monitoring board or advisory board for Corcept. Nathan Bahary: Consulting for Bristol Meyers Squibb, Pfizer, AstraZeneca. Vincent Chung and Paul E. Oberstein: No conflicts to disclose. Roland T. Skeel: Faculty of University of Toledo. E. Gabriela Chiorean: Grants or contracts for Corcept. Andrew Greenstein: Employee of Corcept; Stock options in Corcept; Patents for Corcept. Hristina Pashova: Employee of Corcept; Stock or stock options in Corcept. Iulia Cristina Tudor: Employee of Corcept; Stock options in Corcept. Grace Mann: Employee of Corcept; Stock options in Corcept.