ROSELLA: A Phase 3 Study of Relacorilant in Combination

with Nab-Paclitaxel versus Nab-Paclitaxel Monotherapy in Patients with Platinum-Resistant Ovarian Cancer

(GOG-3073, ENGOT-ov72, APGOT-Ov10, LACOG-0223, and ANZGOG-2221/2023)

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In collaboration with:





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Background

- Patients with platinum-resistant ovarian cancer have an overall survival of ~1 year and need new treatments¹
- Ovarian cancers express the glucocorticoid receptor (GR), a marker of poor prognosis²
- GR signaling reduces sensitivity to chemotherapy^{3,4}
- Relacorilant is a novel, selective GR antagonist (SGRA) that restores the sensitivity of cancers to cytotoxic chemotherapy^{3,5,6}

1. Martorana, et al. *Int J Gynecol Cancer*. 2025;35(1):100009. 2. Veneris, et al. *Gynecol Oncol*. 2017;146(1):153-60. 3. Greenstein, et al. *Oncotarget*. 2021;12(13):1243-55. 4. Melhelm, et al. *Clin Cancer Res*. 2009;15(9):3196-3204. 5. Stringer-Reasor, et al. *Gynecol Oncol*. 2015;138(3):656-62. 6. Munster, et al. *Clin Cancer Res*. 2022;28(15):3214-24. 7. Colombo, et al. *J Clin Oncol*. 2023;41(30):4779-89.



Relacorilant Oncology Development Timeline

Nab-paclitaxel is one of the most efficacious therapies in patients with platinum-resistant ovarian cancer;¹⁻³ as it does not require steroid pretreatment, it is a rational partner for relacorilant



1. Martorana F, et al. Int J Gynecol Cancer. 2025;35:100009. 2. Colombo, et al. J Clin Oncol. 2023;41(30):4779-89. 3. Coleman RL, et al. Gynecol Oncol. 2011;122:111-15. 4. Munster, et al. Clin Cancer Res. 2022;28(15):3214-24. HR, hazard ratio.

ROSELLA | Study Schema



- 1–3 prior lines of therapy
- Prior bevacizumab required

NCT05257408



Stratification Factors

- Prior lines of therapy (1 vs >1)
- Region (North America vs Europe vs Korea, Australia, & Latin America)

Dual Primary Endpoints

- Progression-free survival (PFS) by RECIST v1.1 per blinded independent central review
- Overall survival

Secondary Endpoints

- PFS by RECIST v1.1 per Investigator
- ORR, DoR, CBR (RECIST v1.1)
- Response by CA-125 GCIG criteria
- Combined response (RECIST v1.1 and CA-125 GCIG criteria)
- Safety

First patient enrolled: 5th January 2023 Last patient enrolled: 8th April 2024 Data cutoff: 24th February 2025 Conducted at 117 sites in 14 countries.

CA, cancer antigen; CBR, clinical benefit rate; DoR, duration of response; ECOG, Eastern Cooperative Oncology Group; GCIG, Gynecologic Cancer Intergroup; IV, intravenous; ORR, objective response rate; PFS, progression-free survival; PO, by mouth; RECIST, Response Evaluation Criteria in Solid Tumors.

ROSELLA | Statistical Plan for Dual Primary Endpoints

If the P-value (stratified log-rank test) for <u>either</u> PFS-BICR (α =0.04) <u>or</u> OS (α =0.01) is less than the respective, pre-specified alpha boundary, the trial is positive.



Efficacy endpoints were assessed in the intent-to-treat population (all randomized patients). A group-sequential weighted Holm procedure was used for the dual primary endpoints PFS and OS. BICR, blinded independent central review; HR, hazard ratio; OS, overall survival; PFS, progression-free survival.

ROSELLA | Patient Disposition



*Numbers shown are for nab-paclitaxel discontinuations. Progressive disease refers to radiographic progression.

ROSELLA | Baseline Characteristics Were Well Balanced⁷

		Relacorilant + Nab-paclitaxel (N=188)	Nab-paclitaxel (N=193)	
Age, median (range), years		61 (26–85)	62 (33–86)	
Race, n (%)WhiteBlack or African-AmericanAsian (92% Korean)Other / Not Reported		136 (72.3) 3 (1.6) 22 (11.7) 27 (14.4)	135 (69.9) 2 (1.0) 26 (13.5) 30 (15.5)	
Ethnicity, n (%)	Hispanic	16 (8.5)	17 (8.8)	
Region	North America Europe Korea, Australia, and Latin America	45 (23.9) 107 (56.9) 36 (19.1)		
ECOG Performance Status, n (%)* 1 or 2		53 (28.2)	63 (32.6)	
BRCA1/2 Mutation, n (%)	Yes	23 (12.2)	24 (12.4)	
Prior Lines of Therapy, n (%)	1 2 3	15 (8.0) 92 (48.9) 81 (43.1)	18 (9.3) 89 (46.1) 86 (44.6)	
Primary Platinum Refractory, n (%) ^{\dagger}	Yes	13 (6.9)	13 (6.7)	
Prior Lines of Therapy in the Platinum-resistant Setting, n (%)	≥1	67 (35.6)	82 (42.5)	
Prior Taxane in the Platinum- resistant Setting, n (%)	Yes	8 (4.3)	7 (3.6)	
Prior Therapies, n (%)	Bevacizumab Taxanes Pegylated Liposomal Doxorubicin PARP Inhibitor	188 (100) 187 (99.5) 121 (64.4) 114 (60.6)	193 (100) 192 (99.5) 125 (64.8) 120 (62.2)	

*In the nab-paclitaxel monotherapy arm, 1 patient had an ECOG performance status of 2. [†]Progressed within 3 months of the last dose of platinum from their first line platinum regimen. 97% of patients had high-grade serous carcinoma; 8 patients had high-grade endometrioid carcinoma and 2 patients had carcinosarcoma. BRCA, Breast Cancer Gene; ECOG, Eastern Cooperative Oncology Group.

ROSELLA | Relacorilant Significantly Improved Progression-Free Survival Assessed by Blinded Review



Median follow-up time: 9.0 months; statistical significance threshold: P<0.04. The Kaplan–Meier method was used to estimate the curves, median estimates and the 95% CIs for progression-free survival in each treatment arm. The HR and the associated 95% CI were estimated using a Cox regression model with treatment group as the main effect and stratification factors at randomization as covariates. BICR, blinded-independent central review; CI, confidence interval; HR, hazard ratio; m, months; PFS, progression-free survival.

ROSELLA | Relacorilant Improved Overall Survival at this Interim Analysis



Median follow-up time: 13.9 months; statistical significance threshold at the interim analysis: P≤0.0001; statistical significance threshold at the final analysis: P≤0.0499. The Kaplan–Meier method was used to estimate the curves, median estimates and the 95% CIs for overall survival in each treatment arm. The HR and the associated 95% CI were estimated using a Cox regression model with treatment group as the main effect and stratification factors at randomization as covariates. CI, confidence interval; HR, hazard ratio; m, months; NR, not reached; OS, overall survival.

ROSELLA | Relacorilant Improved PFS & OS Across Key Subgroups 10

Subgroup		Patients, n	Events, n	Hazard Ratio	o for <u>PFS</u> (BICR), (95% CI)	Events, n	Hazard R	atio for <u>OS</u> , (95% CI)
All Patients		381	234		0.70 (0.54–0.91)	192		0.69 (0.52–0.92)
A.g.o.	<65 years	229	140	<u>+</u>	0.76 (0.54–1.08)	119		0.83 (0.57–1.20)
Age	≥65 years	152	94		0.61 (0.40–0.94)	73	_ _	0.55 (0.34–0.89)
	North America	90	56		0.62 (0.36–1.07)	45		0.69 (0.38–1.27)
Region	Europe	216	130	_ _ _	0.73 (0.52–1.04)	111	_ _ _	0.67 (0.46–0.98)
-	Korea, Australia, Latin America	75	48		0.70 (0.39–1.26)	36		0.76 (0.39–1.48)
ECOG Performance	0	262	154		0.72 (0.52–1.00)	118		0.72 (0.50–1.05)
Status	1	115	80		0.62 (0.39–0.98)	74		0.59 (0.36–0.97)
	1	33	21		0.88 (0.35–2.22)	21		0.80 (0.32–1.97)
Prior Lines of Therapy	2	181	119	— —	0.63 (0.43–0.91)	91		0.74 (0.49–1.12)
	3	167	94	<u>+</u>	0.71 (0.47–1.08)	80	<u>+</u>	0.66 (0.42–1.04)
Prior PAPP Inhibitor	Yes	234	138		0.60 (0.42–0.85)	116		0.77 (0.53–1.13)
	No	147	96		0.84 (0.55–1.28)	76		0.66 (0.42–1.05)
Primary Platinum-	≤6 months	112	73	_ _ ;	0.50 (0.30–0.84)	62 -	_ _	0.52 (0.31–0.89)
free Interval	>6 months	269	161	_	0.78 (0.57–1.06)	130		0.82 (0.58–1.16)
PPCA4/2 Mutation	Positive	47	32		1.08 (0.49–2.37)	23		0.82 (0.33–2.07)
BRCA1/2 Mutation	Negative / Unknown	334	202		0.65 (0.49–0.87)	169	_ 	0.70 (0.52–0.96)
Largest Target	<5 cm	299	181	_ _	0.68 (0.51–0.92)	141		0.65 (0.46–0.91)
Lesion	≥5 cm	45	30 _		0.50 (0.23–1.09)	25 _	!	0.58 (0.25–1.34)
BICR, blinded independent central review; BRCA, Breast Cancer Gene; CI, confidence interval; ECOG, Eastern Cooperative Oncology Group; OS, overall survival; PFS, progression-free survival.			0.0 Favors Rela	0.5 1.0 1.5 acorilant Favor	2.0 2.5 s Control	0.0 Favors Rela	0.5 1.0 1.5 corilant Favors	2.0 2.5 Control

ROSELLA | Relacorilant + Nab-Paclitaxel Was Associated with High Objective Response and Clinical Benefit Rates (by Investigator)

Endpoint	Relacorilant + Nab-paclitaxel	Nab-paclitaxel		
Objective Response Rate , n (%)	69 (36.9) 58 (30.1) 6.8% improvement P=0.17 (Stratified Cochran-Mantel-Haenszel Test)			
Complete Response, n (%)	6 (3.2)	4 (2.1)		
Partial Response, n (%)	63 (33.7)	54 (28.0)		
Stable Disease, n (%)	77 (41.2)	68 (35.2)		
Progressive Disease, n (%)	32 (17.1)	52 (26.9)		
Not Evaluable, n (%)	9 (4.8)	15 (7.8)		
Clinical Benefit Rate , n (%)	96 (51.1)	75 (38.9)		
(Response or stable disease	12.2% imp	provement		
maintained for 24 weeks)	P=0.016 (Stratified Cochr	an-Mantel-Haenszel Test)		

Objective response rate was assessed in the subset of intent-to-treat population with measurable disease at baseline, per investigator assessment (n=380 patients). Clinical Benefit Rate was assessed in the intent-to-treat population (n=381 patients). Per RECIST v1.1 guidelines confirmatory scans were not required for this randomized controlled trial. RECIST, Response Evaluation Criteria in Solid Tumors.

Data cutoff: Feb 24, 2025

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ROSELLA | Lower Incidence of Ascites with Relacorilant + Nab-paclitaxel



ROSELLA | Safety Summary

Relacorilant + Nab-Paclitaxel was Well-Tolerated, with a Favorable Safety Profile

Safety Population Who Received at Least One Dose of Study Drug (N=378)	Relacorilant + Nab-paclitaxel (N=188)	Nab-paclitaxel (N=190)
Weeks of Nab-paclitaxel Therapy, mean (range)	23.2 (0.1–90.3)	18.6 (0.1–68.1)
Any TEAEs, n (%)	188 (100)	189 (99.5)
Grade ≥3 TEAEs, n (%)	140 (74.5)	113 (59.5)
Serious AEs, n (%)	66 (35.1)	45 (23.7)
All Deaths on Treatment or Within 30 Days of the Last Dose, n (%)	10 (5.3)	8 (4.2)
Dose Reductions of Relacorilant Due to TEAEs, n (%)	13 (6.9)	—
Dose Reductions of Nab-paclitaxel Due to TEAEs, n (%)	91 (48.4)	60 (31.6)
Interruptions of Nab-paclitaxel (+ Relacorilant) Due to TEAEs, n (%)*	137 (72.9)	104 (54.7)
Discontinuations of Nab-paclitaxel (+ Relacorilant) Due to TEAEs, n (%)*	17 (9.0)	15 (7.9)

*Relacorilant was always interrupted or discontinued when nab-paclitaxel was interrupted or discontinued. AEs, adverse events; TEAEs, treatment-emergent adverse events.

AEs leading to treatment discontinuation in >2 patients included intestinal obstruction and paresthesia. There were no relacorilant-related fatal AEs.

ROSELLA | Common (>20%) Adverse Events



Peripheral neuropathy occurred with similar frequency in both arms (19.1% and 17.4%).

5 SAEs of febrile neutropenia were reported, 4 (2.1%) with relacorilant + nab-paclitaxel and 1 (0.5%) with nab-paclitaxel monotherapy. 5 SAEs of sepsis were reported, 3 (1.6%) with relacorilant + nab-paclitaxel and 2 (1.1%) with nab-paclitaxel monotherapy.

TEAEs that occurred in >20% of patients. Assessed in the safety population of patients who received at least one dose of study drug, N=378. Combined terms are presented for neutropenia (neutropenia, reduced neutrophil count, and febrile neutropenia), anemia (anemia, reduced hemoglobin, and reduced red blood cell count) and fatigue (fatigue and asthenia). SAEs, serious adverse events; TEAEs, treatment-emergent adverse events.

ROSELLA | Selected Exposure-Adjusted Adverse Events

Exposure-Adjusted Incidence Rate (AE incidence normalized to the duration of exposure)



*Combined term including anemia, decreased red blood cell count, and decreased hemoglobin. [†]Combined term including neutropenia, decreased neutrophil count, and febrile neutropenia. Assessed in the safety population of patients who received at least one dose of study drug, N=378. AE, adverse event; CI, confidence interval. Exposure-Adjusted Incidence Rate (EAIR) is defined as Event Incidence rate per 100 patientyears-exposure (PYE): (Total number of patients with an event/Total PYE)*100. Exact 95% confidence interval based on Poisson distribution for EAIR. The total PYE to a treatment is the sum of individual patient's PYE within the treatment exposure period and is defined as: (i) For patients with an event within the exposure period: (First event start date-first dose date +1)/365.25.

EAIR difference: [(Relacorilant + Nab-paclitaxel) - Nab-paclitaxel Monotherapy]. The exact confidence interval for difference of EAIR between two treatment arms is based on two independent Poisson distributions.

Data cutoff: Feb 24, 2025

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ROSELLA | Conclusions

1	ROSELLA met its primary endpoint of improving PFS	Relacorilant, a first-in-class, oral, SGRA, extended progression-free survival by BICR (log-rank test P=0.0076, HR 0.70) compared to nab-paclitaxel monotherapy in patients with platinum-resistant ovarian cancer, in a population including patients who progressed within 1–3 months after their primary platinum regimen
2	Median survival prolonged by 4.5 months	At this interim overall survival analysis, the addition of relacorilant to nab-paclitaxel showed a clinically meaningful improvement in overall survival (nominal log-rank test P=0.0121, HR 0.69, median 16.0 vs 11.5 months)
3	Well-tolerated, favorable safety profile	Relacorilant plus nab-paclitaxel was well-tolerated, with a favorable safety profile that was comparable between treatment arms when adjusted for duration of exposure. The safety profile was consistent with previously reported data; no new signals were identified
4	A new standard for PROC	Intermittently dosed relacorilant plus nab-paclitaxel offers an efficacious treatment regimen for women with platinum-resistant ovarian cancer, without the need for a biomarker

BICR, blinded independent central review; PFS, progression-free survival; PROC, platinum-resistant ovarian cancer; SGRA, selective glucocorticoid receptor antagonist.

ROSELLA | Acknowledgements GOG FOUNDATION

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Gynaecological Oncological Trial

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Alvarez Azzouquoa Bank Callahan Chambers Chan Chandler Cloven Cohen	Jewell Knowles Lee Leiser LyBarger McClung McCollum Modesitt Monk	Barlow Clamp Cook Herbertson Khalique Nicum	Cho Kim Kim Lee Lim Park Shin	Churruca Galaz de la Cueva Sapiña Guillens Romeo Marín Oaknin	Aguil Guerrero Garbaos Mandrile Orlando Pastor Romero Salinas	Agyemang-Prempeh Sipőcz Bagameri Poka	Bellier Derquin Follana Fabbro Gavoille Gladieff Kaczmarek Medioni Quesada
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THE LANCET

Relacorilant and nab-paclitaxel in patients with platinumresistant ovarian cancer (ROSELLA): an open-label, randomised, controlled, phase 3 trial

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