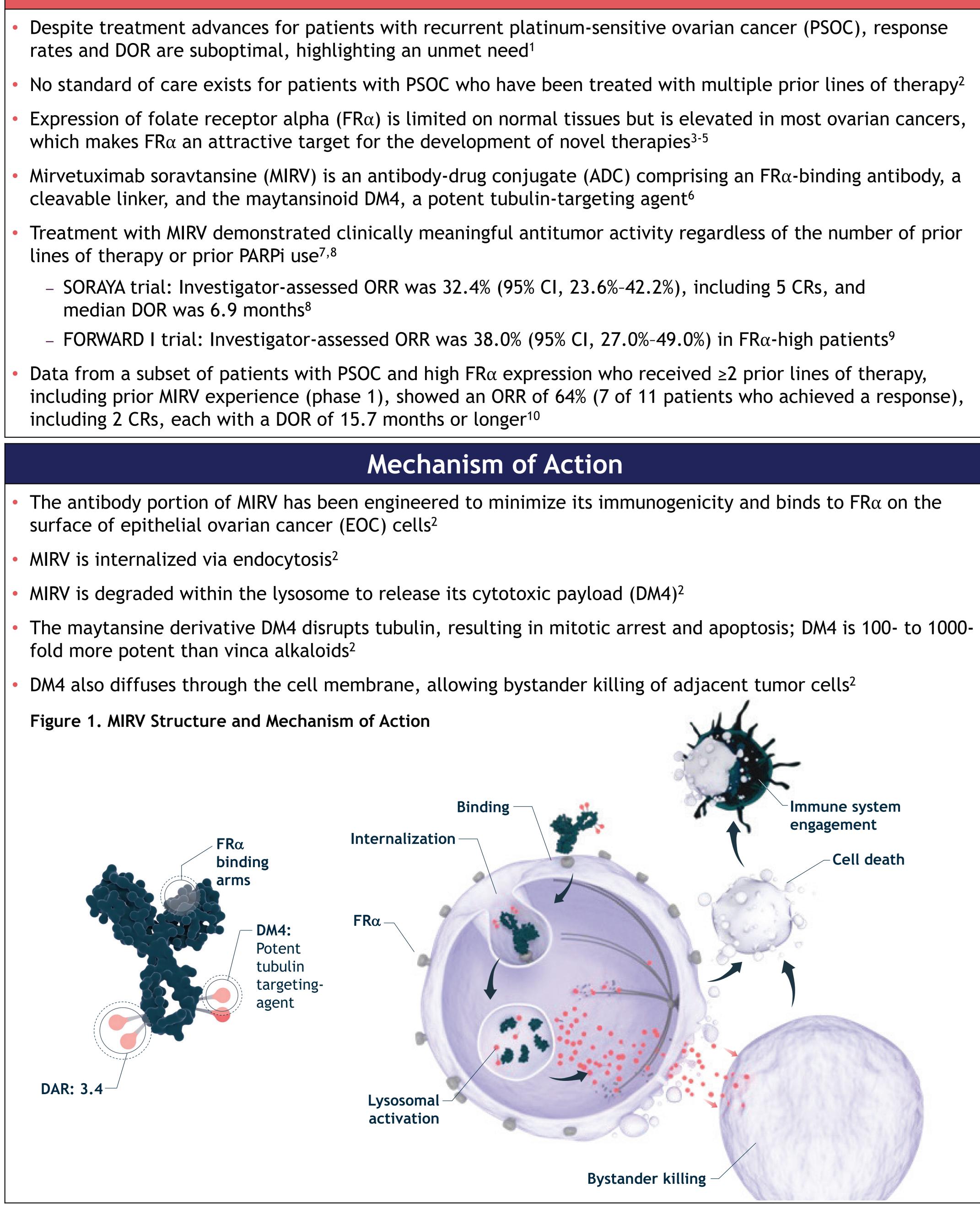
# Abstract 1556

# PICCOLO: An Open-Label, Single-Arm, Phase 2 Study of Mirvetuximab Soravtansine in Recurrent Platinum-Sensitive, High-Grade Epithelial Ovarian Cancers With High Folate Receptor Alpha (FR $\alpha$ ) Expression

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# BACKGROUND



Annual Global Meeting of the International Gynecologic Cancer Society; September 29-October 1, 2022; New York, New York

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### PICCOLO (NCT05041257) is a Single-arm, Phase 2, Global Study

#### Key Eligibility Criteria<sup>11</sup>

- Confirmed diagnosis of high-grade serous EOC, primary peritoneal cancer, or fallopian tube cancer
- Candidates for a nonplatinum, single-agent therapy as determined by the investigator
- Platinum-sensitive disease (platinum-free interval >6 months)
- Progressed radiographically on or after most recent line of anticancer therapy
- Received  $\geq 2$  prior lines of platinum-based therapy, or documented platinum allergy with 1 prior line of platinum-based therapy
- High FR $\alpha$  expression ( $\geq$ 75% of cells with PS2+ staining intensity as determined by immunohistochemistry)
- The Ventana FOLR1 Assay will be used

#### Statistical Assumptions<sup>11</sup>

- Planned enrollment: N=75
- Null hypothesis: ORR is ≤28%; optimal Simon two-stage design without pause in enrollment

<sup>a</sup>AIBW, also known as AdjBW, is calculated as IBW (kg) + 0.4 (actual weight – IBW). IBW for females is calculated as 0.9\*height (cm) – 92.

## Key Exclusion Criteria<sup>11</sup> Additional Key Eligibility Criteria<sup>11</sup> Endometrioid, clear cell, mucinous, or sarcomatous histology, mixed tumors containing any of the above histologies, or lowgrade/borderline ovarian tumor Grade >1 peripheral neuropathy per CTCAE Active or chronic corneal disorders, history of corneal transplantation, or active ocular conditions requiring ongoing treatment/monitoring, such as uncontrolled glaucoma, wet agerelated macular degeneration requiring intravitreal injections, active diabetic retinopathy with macular edema, macular degeneration, presence of papilledema, and/or monocular vision

- ≥18 years of age
- Eastern Cooperative Oncology Group Performance Status of 0 or 1
- Testing for BRCA mutation (tumor or germline) and, if positive, must have received a prior PARPi as either treatment or maintenance therapy
- $\geq 1$  lesion that meets the definition of measurable disease by Response Evaluation Criteria in Solid Tumors version 1.1 (RECIST v1.1)
- Adequate hematologic, liver, and kidney functions

# PICCOLO Trial Design

	Primary Efficacy Endpoint <sup>11</sup>
	<ul> <li>Investigator-assessed ORR, defined as confirmed best response of CR or PR</li> </ul>
	Key Secondary Endpoint <sup>11</sup>
Mirvetuximab soravtansine 6 mg/kg AIBWa tery 3 weeks intravenously	<ul> <li>Investigator-assessed DOR, defined as the time from initial investigator-assessed response (CR or PR) until PD</li> </ul>
	Other Secondary Endpoints <sup>11</sup>
	<ul> <li>Investigator-assessed PFS, defined as the time from first dose of MIRV until investigator-assessed radiological PD or death, whichever occurs first</li> </ul>
	<ul> <li>Overall survival, defined as the time from first dose of MIRV until death</li> </ul>
	<ul> <li>CA-125 response, determined using the Gynecologic Cancer Intergroup criteria</li> </ul>
	<ul> <li>Sensitivity analyses of ORR, DOR, and PFS by blinded independent central review</li> </ul>
	<ul> <li>Treatment-emergent adverse events, evaluated according to the National Cancer Institute Common Terminology Criteria for Adverse Events (CTCAE) version 5.0</li> </ul>

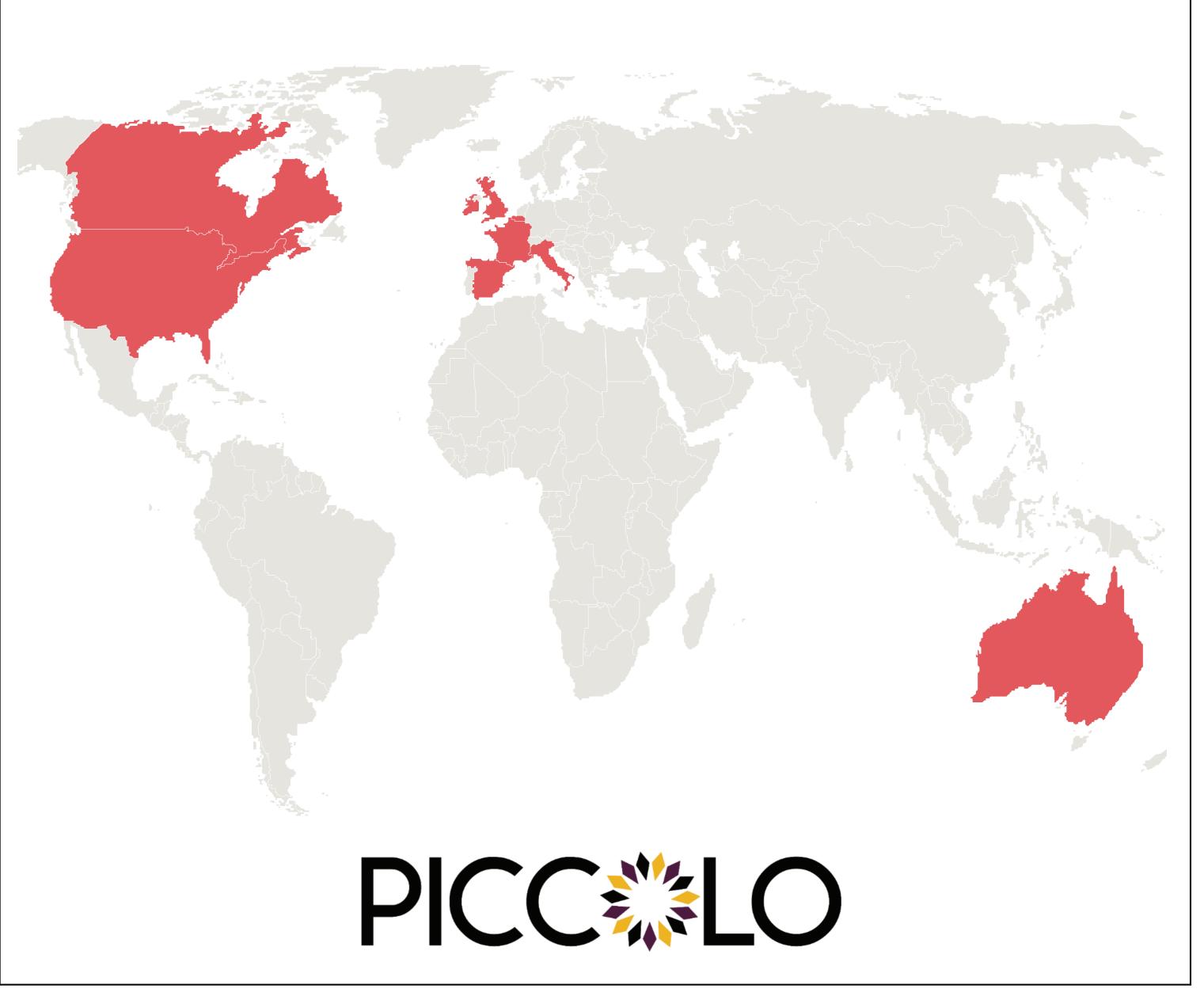
# **PICCOLO Trial Status**

## **Overall Status and Enrollment**

- This trial is in progress and enrolling globally<sup>11</sup>
- The first patient was enrolled in August 2021<sup>11</sup>

# Trial Tracking Information

• This study is registered as ClinicalTrials.gov identifier: NCT05041257<sup>11</sup>



Abbreviations: ADC, antibody-drug conjugate; AdjBW, adjusted body weight; AIBW, adjusted ideal body weight; BRCA, BReast CAncer gene; CA-125, cancer antigen 125; CRs, complete responses; CTCAE, Common Terminology Criteria for Adverse Events; DAR, drug to antibody ratio; DM4, N2'-[4-[(3-carboxypropyl)dithio]-4-methyl-1-oxo-2sulfopentyl]-N2'-deacetylmaytansine; DOR, duration of response; EOC, epithelial ovarian cancer; FR $\alpha$ , folate receptor alpha; IBW, ideal body weight; MIRV, mirvetuximab soravtansine; ORR, objective response rate; PARPi, poly (adenosine diphosphate [ADP]-ribose) polymerase inhibitor; PD, progressive disease; PFS, progression-free survival; PR, partial response; PSOC, platinum-sensitive ovarian cancer; RECIST v1.1, Response Evaluation Criteria in Solid Tumors version 1.1.

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