First-in-human global multi-center study of RLY-2608, a pan-mutant and isoform selective PI3Kα inhibitor, as a single agent in advanced solid tumor patients and in combination with fulvestrant in patients with advanced breast cancer

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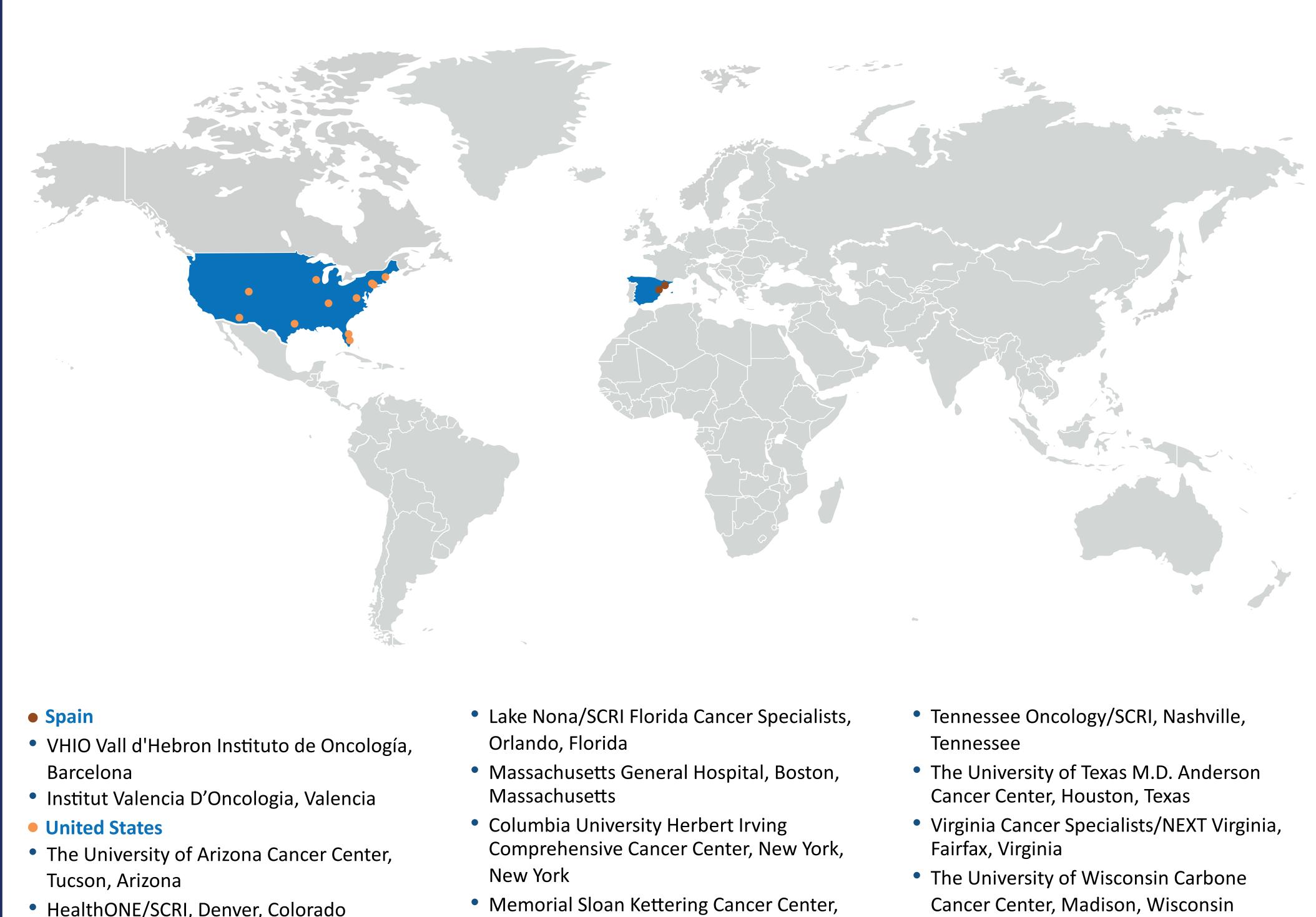
KEY ELIGIBILITY CRITERIA

This is a global, multi-center, dose-escalation/-expansion study of RLY-2608 as a single agent in adults who have advanced solid tumors (refractory, intolerant or who declined standard therapy) and RLY-2608 in combination with fulvestrant in previously treated patients with HR+/HER2– metastatic breast cancer.

Eligibility criteria

- ≥18 years of age
- ≥1 documented primary oncogenic PIK3CA mutation per local assessment (tumor or blood)
- Eastern Cooperative Oncology Group performance status 0–1
- Part 1: Evaluable disease per Response Evaluation Criteria in Solid Tumors (RECIST) v1.1
- Part 2: Measurable disease per RECIST v1.1
- No prior PI3K inhibitor (except Part 2 RLY-2608 + fulvestrant combination group intolerant to α inhibitors)
- For RLY-2608+fulvestrant combination, patients must have previous treatment with ≤1 chemotherapy, ≥1 cyclin-dependent kinase 4 and 6 inhibitor, and ≥ 1 anti-estrogen therapy

Figure 4. Active sites



- BRCR Global, Plantation, Florida
- Ex-USA enrollment began in November 2022



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- Memorial Sloan Kettering Cancer Center, New York, New York
- Cancer Center, Madison, Wisconsin

As of November 2022

• The target enrollment for RLY-2608 is 190 patients. Recruitment is ongoing in 14 study centers in the USA and Spain

• USA enrollment began in December 2021 for the single arm, and in April 2022 for the breast cancer combination arm.

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