## A Phase 2, Multi-Arm Study of Magrolimab Combinations in Patients With Relapsed/Refractory Multiple Myeloma

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Magrolimab + bortezomib + dexamethasone may be initiated based on preliminary safety and efficacy data in the magrolimab + carfilzomib + dexamethasone cohort, and if initiated, will require only 1 prior line of therapy

<sup>a</sup>Magrolimab 1 mg/kg initial priming dose then 15-30 mg/kg

# **Primary Objectives**



#### Safety run-in cohorts

- Evaluate safety and tolerability of magrolimab with other therapies
- Determine the RP2D



#### Dose-expansion cohorts

Evaluate the efficacy of magrolimab with other therapies, as determined by ORR



## **Key Inclusion Criteria**

- Adults (≥18 years) with previously diagnosed MM currently requiring treatment
- · Measurable disease, defined as ≥1 of the following: serum M-protein level ≥0.5 g/dl, urine M-protein level ≥200 mg/24 hours, and/or SFLC level ≥100 mg/l with abnormal SFLC ratio
- At least 3 previous lines of therapy, including an IMiD and a PI
- ECOG PS ≤2
- ANC ≥1000 cells/µl, platelet count ≥75,000 cells/µl, and hemoglobin level ≥9.0 g/dl

Patients who have previously received daratumumab or pomalidomide are eligible for enrollment.



Key Exclusion Criteria

- Known amyloidosis, including myeloma complicated by amyloidosis
- · MM of immunoglobulin M subtype
- Waldenström macroglobulinemia or myelodysplastic syndromes
- Plasma cell leukemia
- POEMS syndrome
- · Immunotherapy or chemotherapy within 28 days prior to enrollment
- Prior treatment with CD47- or SIRPα-targeting agents



# **Study End Points**

Safety run-in cohorts



### **Primary**

DLTs and AEs Laboratory abnormalities



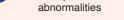
## Primary

Dose-expansion cohorts



### ORR

Secondary Safety: AEs and laboratory



· Efficacy: DOR, PFS, OS · PK and ADAs

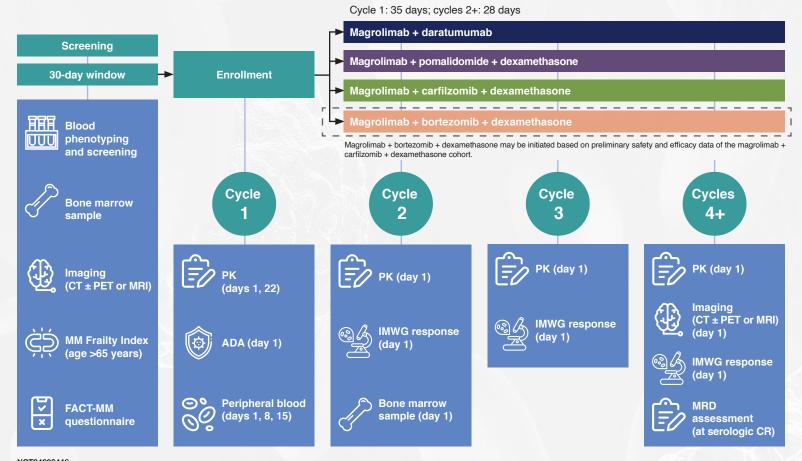


### Exploratory

- MRD negativity rate Mutational profile of myeloma cells and
- correlation with clinical response
- Changes from baseline in biomarkers of immune cell recruitment
- Changes from baseline in known phagocytic
- regulators in myeloma cells Change from baseline in FACT-MM
- questionnaire
- TTR



## Timeline of Key Assessments for Expansion Cohorts



### NCT04892446

ADA, antidrug antibody; AE, adverse event; ANC, absolute neutrophil count; CD, cluster of differentiation; CR, complete response; CT, computed tomography; DLT, dose-limiting toxicity; DOR, duration of response; ECOG, Eastern Cooperative Oncology Group; FACT-MM, Functional Assessment of Cancer Therapy – Multiple Myeloma; IMiD, immunomodulatory drug; IMWG, International Myeloma Working Group; MM, multiple myeloma; MRD, minimal residual disease; MRI, magnetic resonance imaging; ORR, objective response rate; OS, overall survival; PET, positron emission tomography; PFS, progression-free survival; PI, proteasome inhibitor; PK, pharmacokinetics; POEMS, plasma cell dyscrasia with polyneuropathy, organomegaly, endocrinopathy, M-protein, and skin changes; PS, performance status; RP2D, recommended phase 2 dose; R/R, relapsed/refractory; SFLC, serum free light chain; SIRPα, signal regulatory protein α; TTR, time to response.