

ATHENA-1 (NCT05685173)

PHASE 1 ENROLLING

# Study of investigational REGN5837 + odronextamab in patients with B-cell non-Hodgkin lymphomas



Primary Objective: evaluate the safety, tolerability, and recommended phase 2 dose of REGN5837 with odronextamab in patients with aggressive B-NHL



PATIENTS WITH B-NHL (N≈91)

OPEN LABEL INTERVENTION

**Step-up dosing schedule of  
REGN5837 (IV) + odronextamab (IV)**

## Primary Endpoints

Safety and tolerability

## Secondary Endpoints

Pharmacokinetics  
Immunogenicity  
Overall response rate<sup>a,b</sup>  
Complete response rate<sup>a,b</sup>

Progression-free survival<sup>a,b</sup>  
Duration of response<sup>a,b</sup>  
Overall survival



### FIND OUT MORE

Scan here to find out more about this study at <https://clinicaltrials.gov/ct2/show/NCT05685173>

This information is intended for investigators interested in open clinical trials.  
The use of REGN5837 + odronextamab described herein is investigational and has not been evaluated by any regulatory authority.

<sup>a</sup>According to the Lugano Classification of response in malignant lymphoma. <sup>b</sup>Based on investigator assessment.  
IV, intravenous; N, number of patients.

**REGENERON**<sup>®</sup>  
MEDICAL AFFAIRS

REGN5837

**An Investigational CD22xCD28 Bispecific Antibody**Simultaneously engages CD22 on cancer cells with CD28 on T cells<sup>1</sup>

ODRONEXTAMAB

**An Investigational CD20xCD3 Bispecific Antibody**Simultaneously engages CD20 on malignant B cells and CD3 on cytotoxic T cells<sup>1</sup>SELECTED INCLUSION CRITERIA<sup>a</sup>

Documented CD20+ aggressive B-NHL with disease progression following at least 2 prior lines of therapy containing an anti-CD20 antibody and an alkylating agent



Adequate bone marrow, renal, and hepatic function



Measurable disease on cross sectional imaging



ECOG PS 0 or 1

SELECTED EXCLUSION CRITERIA<sup>a</sup>

Prior allogeneic stem cell or solid organ transplantation



Prior treatment with anti-CD20xCD3 antibodies



Anti-lymphoma treatment within 5 half-lives or 14 days of first administration of study drug



Radiotherapy within 14 days of first administration of study drug



Diagnosis of MCL or primary CNS lymphoma



Infections



For more information, visit [www.clinicaltrials.gov](https://www.clinicaltrials.gov) or please call [+353 (0)61 533 400 or 844 REGN-MID].  
NCT05685173  
<https://clinicaltrials.gov/ct2/show/NCT05685173>

This information is intended for investigators interested in open clinical trials.

The use of REGN5837 + odronextamab described herein is investigational and has not been evaluated by any regulatory authority.

<sup>a</sup>Inclusion/exclusion criteria include a summary of selected criteria. Please review the complete study design on [clinicaltrials.gov](https://www.clinicaltrials.gov) for complete details.

B-NHL, B-cell non-Hodgkin lymphoma; CD, cluster of differentiation; CNS, central nervous system; ECOG PS, Eastern Cooperative Oncology Group performance status; IV, intravenous; MCL, mantle cell lymphoma.

1. Wei J, et al. *Sci Transl Med*. 2022;14:eabn1082. 2. Smith EJ et al. *Sci Rep*. 2015;5:17943.

Current per [clinicaltrials.gov](https://www.clinicaltrials.gov) as of December 21, 2023.

Odronextamab-EM-0010 v1.1 February 2024.

©2024 Regeneron Pharmaceuticals, Inc. All rights reserved.