Efficacy of Guselkumab in Moderately to Severely Active Crohn's Disease According to Induction Clinical Response \$Status: Week 48 Results from the GALAXI 2 & 3 Phase 3 Trials

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Background

Guselkumab (GUS) is a dual-acting IL-23p19 subunit inhibitor that potently neutralizes IL-23 and binds to CD64, a receptor on cells that produce IL-23¹

GALAXI 2 & 3 (NCT03466411) are identical 48-week, randomized, double-blind, double-dummy, placebo (PBO)- and active comparator (ustekinumab)–controlled registrational trials assessing the efficacy and safety of GUS in participants with moderately to severely active Crohn's disease

As reported previously, composite co-primary efficacy endpoints were

met for both GUS dose cohorts versus PBO in both studies² <u></u>

- Clinical response at Week 12 and clinical remission at Week 48
- Clinical response at Week 12 and endoscopic response at Week 48 Both GUS dose regimens also demonstrated statistical superiority to ustekinumab in pre-specified and multiplicity controlled analyses of pooled data at Week 48

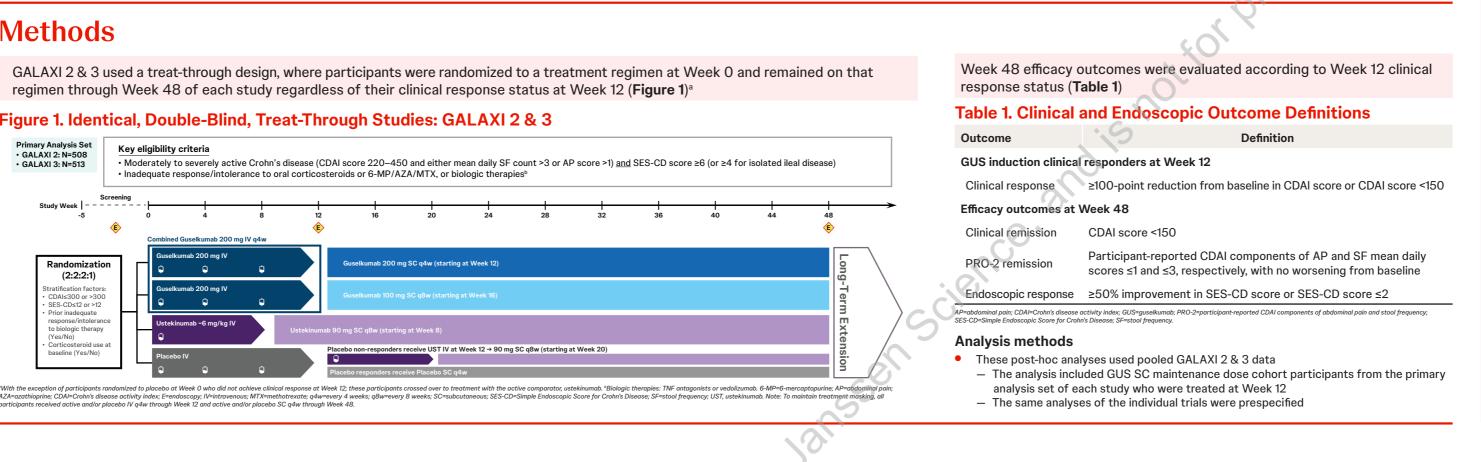
Objective

These exploratory analyses evaluated clinical and endoscopic endpoints at Week 48 among pooled GALAXI 2 & 3 participants with

and without a clinical response to GUS induction therapy at Week 12



Figure 1. Identical, Double-Blind, Treat-Through Studies: GALAXI 2 & 3



Results

Population

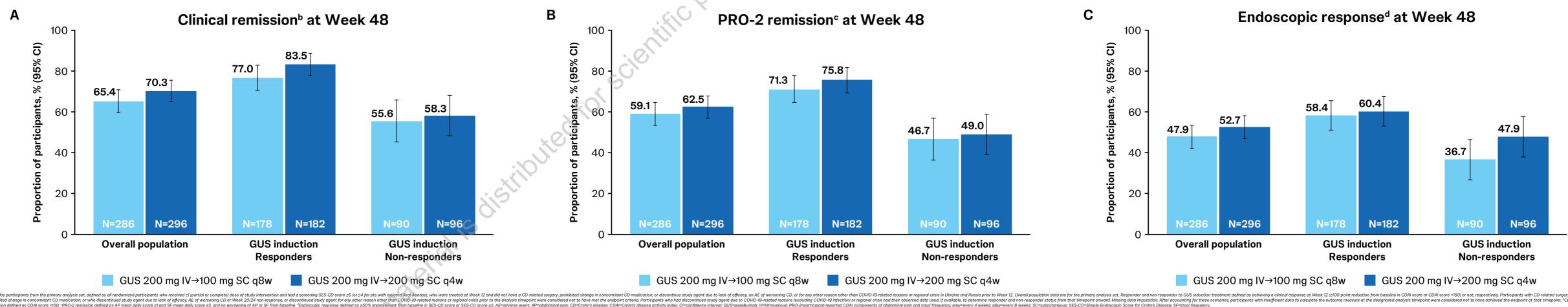
- 546 participants were included in this analysis of the pooled GALAXI 2 & 3 datasets
- 65.9% (360/546) achieved a clinical response to GUS 200 mg IV induction therapy at Week 12

Efficacy Outcomes

Among the subset of participants who achieved clinical response at Week 12, most achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of GUS recipients who achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of GUS recipients who achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of GUS recipients who achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of GUS recipients who achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of GUS recipients who achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of GUS recipients who achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of GUS recipients who achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of GUS recipients who achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of GUS recipients who achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of GUS recipients who achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of GUS recipients who achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of GUS recipients who achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of GUS recipients who achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of GUS recipients who achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of GUS recipients who achieved clinical response at Week 48 in both GUS SC maintenance dose cohorts. Likewise, the majority of

More than half of the participants who did not achieve clinical response at Week 12 achieved clinical remission at Week 48 (55.6–58.3%, Figure 2A). Many participants achieved PRO-2 remission at Week 48 (46.7–49.0%, Figure 2B) along with endoscopic response at Week 48 (36.7–47.9%, Figure 2C).

Figure 2. Efficacy Outcomes at Week 48 in GALAXI 2 & 3 Participants with and without a Clinical Response to 12-Week Induction Treatment with Guselkumab (Week 12 Treated Primary Analysis Set)^a



Key Takeaways

Among the subset of participants with moderate to severely active Crohn's disease who achieved clinical response to GUS induction at Week 12, most went on to achieve clinical remission, **PRO-2** remission, or endoscopic response at Week 48, across both GUS SC maintenance dose cohorts.

Efficacy at Week 48 with both GUS SC maintenance doses was also observed among participants who were not in clinical response at Week 12, suggesting a potential benefit of continued treatment with GUS even if clinical response is not achieved at Week 12 after IV induction.

