

Nasdaq: SKYE



JANUARY 2026

**Developing Innovative Medicines
to Treat Obesity
and Other Metabolic Diseases**

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Investment Thesis

Nimacimab: a complement, not a competitor – scalable add-on to extend and enhance incretin therapy

- **Additive efficacy on top of GLP-1s:**

13% weight-loss at 26-weeks which was significantly better than semaglutide alone ($p=0.03$) and no plateau at 26-weeks in Phase 2a study. 52-week data available in Q1, with potential for >20% weight loss representing a meaningful outcome.

- **Durable & quality weight loss:**

Lower post-treatment rebound (~18.1% combo vs. ~49.8% sema-alone) and a favorable body-composition profile in Phase 2a study support use for maintenance after incretins and minimizing impact of weight regain.

- **Safe combo, titration-free:**

No additive GI burden and 0% neuropsychiatric AEs in the combo arm in Phase 2a study; enables potential straightforward combination use across the incretin class.

- **Built to ride (not fight) the GLP-1 wave:**

In a crowded incretin landscape, peripheral CB1 mechanism provides potential differentiation that is complementary to incretins.

- **Near term catalysts:**

Additional 26-week data in combination setting from CBeyond; Additional clinical data & catalysts through 2026 including potential launch of Phase 2b combination study

Nimacimab Target Product Profile (TPP)

Opportunity across multiple treatment settings that adds clinically meaningful weight loss on top of GLP-1 therapy without adding tolerability burden and designed for chronic use.

In combination with incretin-based therapies, HCPs believe Nimacimab will be most appropriate for patients requiring significant weight loss

Highest-priority candidates for combo nimacimab (with GLP-1 based therapy)



- **Severe obesity** (e.g., $\text{BMI} \geq 40 \text{ kg/m}^2$ or $\text{BMI} \geq 35 \text{ kg/m}^2$ with comorbidities) requiring greater total weight reduction (often $\geq 20\%$ goal)
- **Incretin “plateau”**: patients with attenuated incremental weight loss after sustained therapy where further dose escalation of incretin alone yields diminishing benefit
- **Inadequate response to incretin alone**: patients not meeting treatment goals despite adherence (e.g., $\leq 10\%$ weight loss on GLP-1 therapy)
- **Dose-limiting tolerability**: patients unable to reach/maintain maximal incretin dose due to GI intolerance or other adverse effects

Target TPP

- **Target Efficacy**: +5-8% weight loss on top of incretin-based therapy.
- **Target Safety/Tolerability**: No meaningful increase in GI burden when combined with incretin-based therapy; No neuropsychiatric signal
- **Target Dosing & Delivery**: Ideally subcutaneous QM dosing, or QW dosing of nimacimab with co-administration of incretin-based therapy.
- **Target Durability**: Minimal weight regain following treatment discontinuation allowing for potential treatment cycling.

Presentation Overview

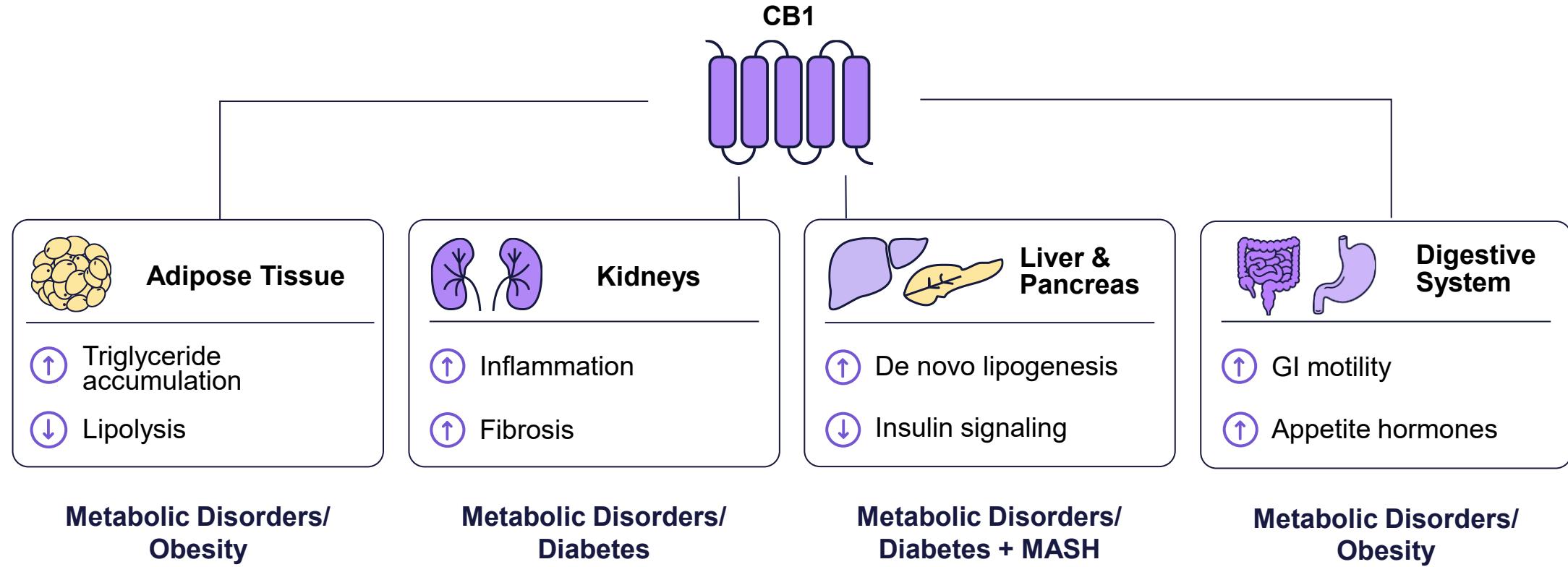
- 1.0** Nimacimab Overview – A Highly Peripherally-restricted CB1-inhibiting Antibody
- 2.0** CBeyond Overview – Review of Proof-of-Concept Clinical Outcomes
- 2.1** CBeyond – What We Learned
- 3.0** Clinical Strategy – Phase 2b Adaptive Design Dose Ranging Study
- 3.1** Regulatory Strategy – Combination Approval, Monotherapy Opportunity
- 4.0** Financial Overview
- 5.0** Appendix

Nimacimab

A Highly Peripherally-restricted
CB1-inhibiting Antibody that
Stands Apart from Small-
molecule CB1 Inhibitors

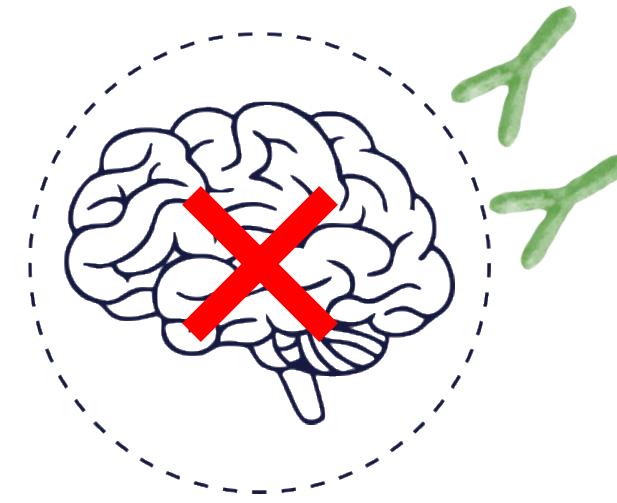
Peripheral CB1 Signaling: Metabolic-focused Targets

Active CB1 engagement promotes inflammation, fibrosis, and metabolic dysfunction; blocking peripheral CB1 can reverse negatively-trending pathologies



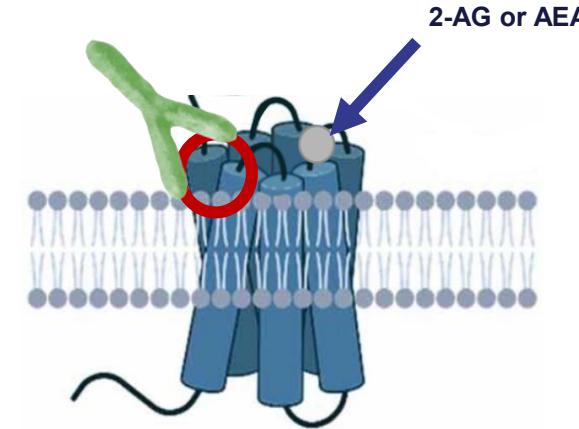
Nimacimab is Differentiated from Small Molecule CB1 Inhibitors

Peripheral Restriction



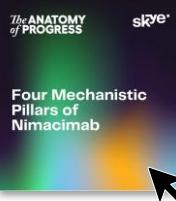
Significantly less brain penetration than small molecules currently in development

Negative Allosteric Modulator



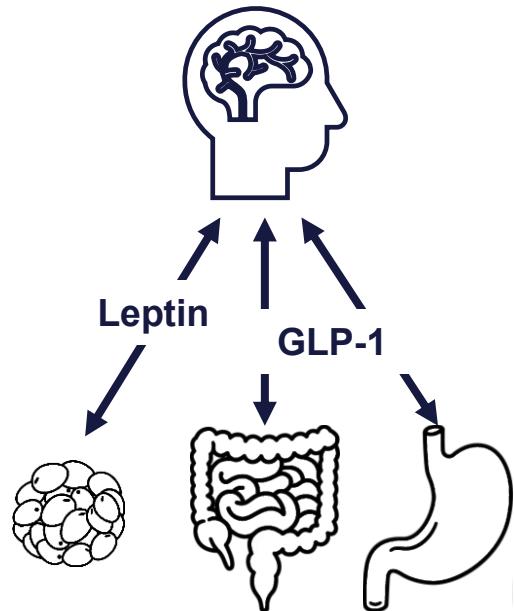
Unlike small molecules currently in development, **nimacimab retains potency even in the presence of competition**

Four Mechanistic Pillars of Nimacimab



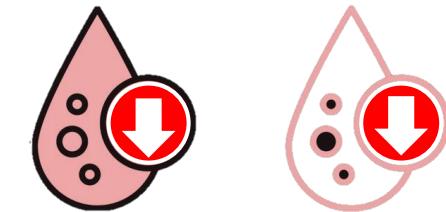
01

Peripheral Modulation of Appetite Regulating Hormones



02

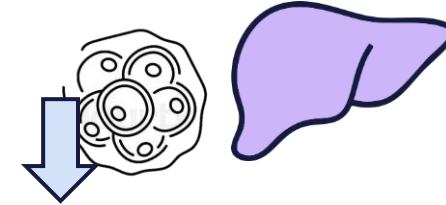
Improvement and Restoration of Glycemic Control



Reduced fasting insulin and improved glucose control

03

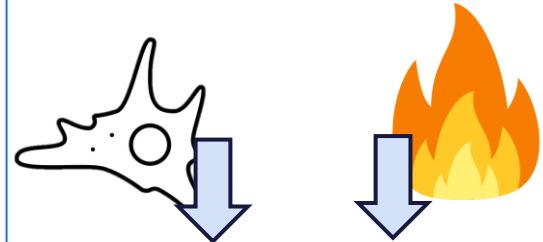
Enhanced Lipid Metabolism



Decreased steatosis and serum cholesterol

04

Reduction of Obesity-Induced Inflammation



Decreased inflammation and fibrosis markers

Nimacimab: Peripherally-restricted CB1-inhibiting Antibody



Long Half-life

- Stable antibody with half-life of 18-21 days (potential bi-weekly or monthly dosing)
- Single mutation in the hinge region that prevents antibody Fab exchange

Exclusion from Brain

- Multiple NHP studies: background levels in CNS/brain (even at high doses)
- No accumulation of antibody in CNS/brain despite multiple weekly doses
- NOAEL > 75 mg/kg. MTD not reached

Differentiated Inhibitor

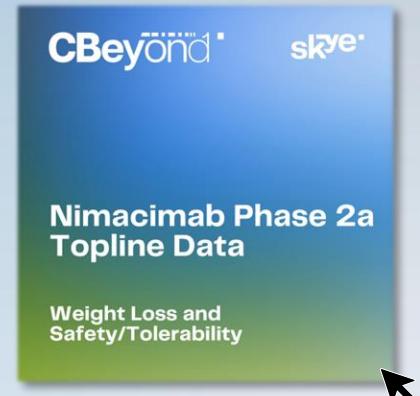
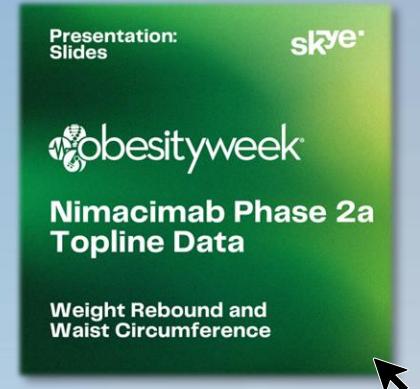
- Functions as both an **antagonist** and an **inverse agonist**
- Binds allosteric site and non-competitively inhibits CB1, independent of agonist

Safe & Effective Drug

- Achieve ~7x peripheral CB1 inhibition while ~600x below CB1 inhibition in brain
- Allosteric binding maintains peripheral CB1 inhibition with increased endocannabinoids
- Supports a favorable therapeutic index to safely and effectively treat obesity

2.0

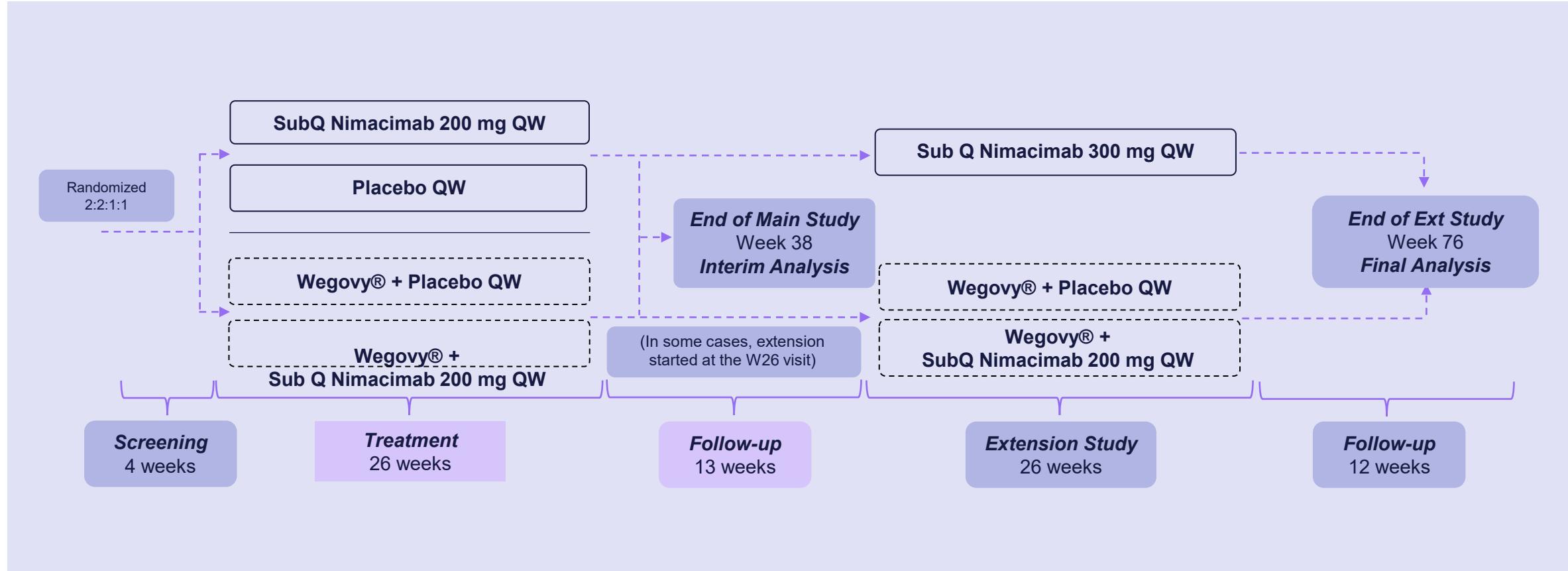
Review of Outcomes in Phase 2a Clinical Trial



CBeyond¹

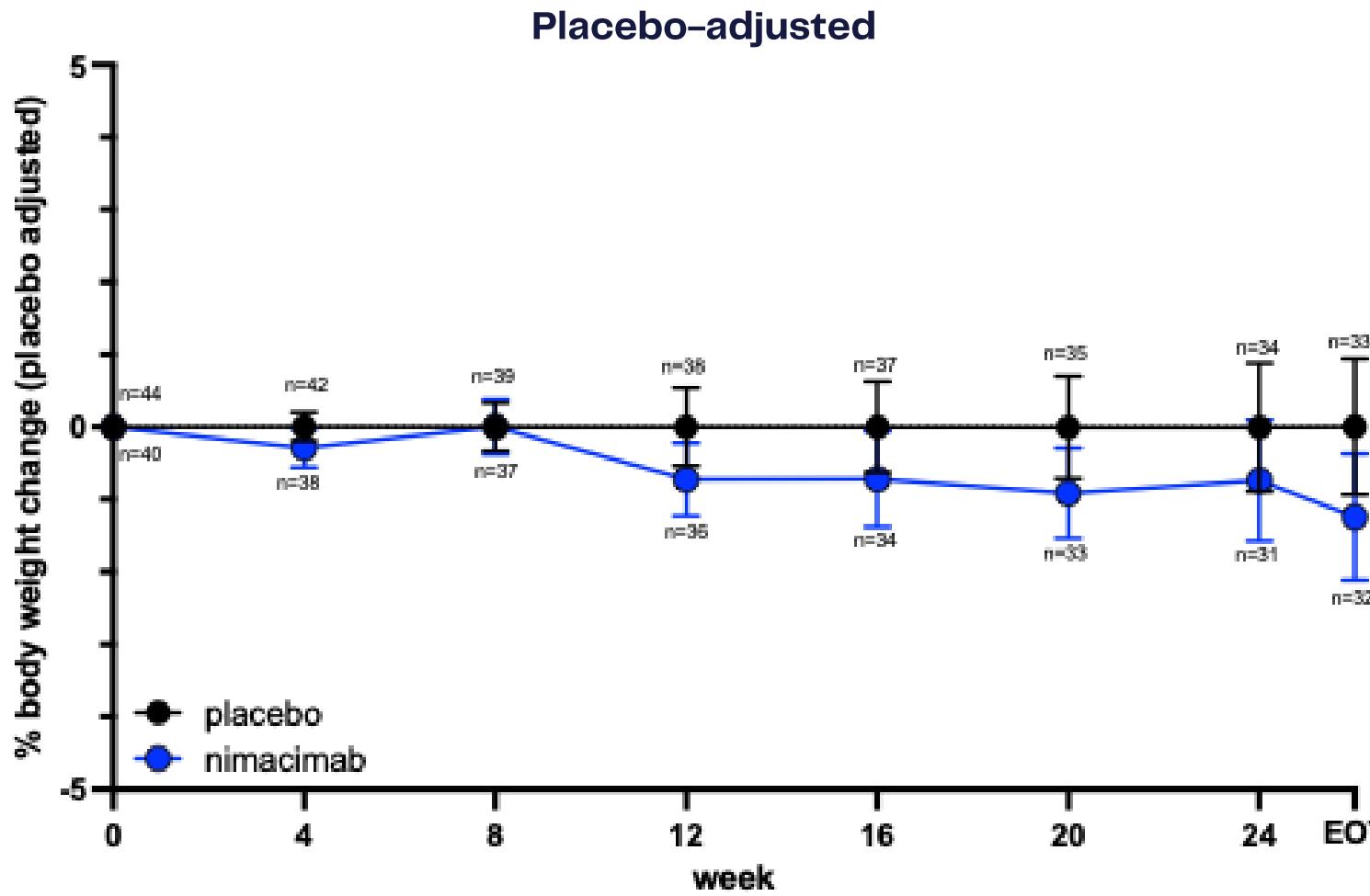
CBeyond Phase 2a Clinical Trial Design for Proof of Concept

Monotherapy and combination arms: weight loss, safety/tolerability, body composition, biomarkers



Initial 26-week treatment period completed; 26-week extension study ongoing

Weight Loss with Nimacimab Monotherapy

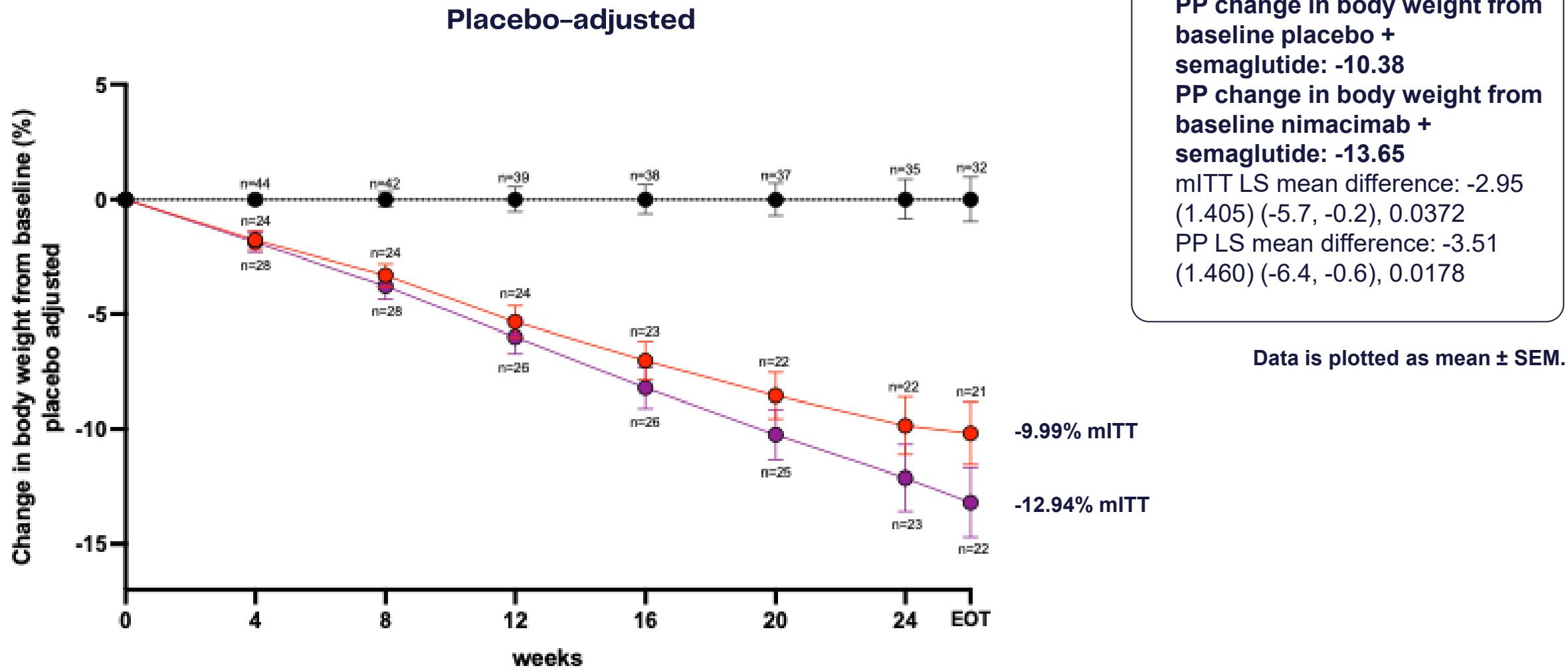


PP change in body weight from baseline placebo: 0.53
PP change in body weight from baseline nimacimab: -0.44
mITT LS mean difference: -1.26 (1.136); CI (-3.5, 1.0); $p = 0.2699$
PP LS mean difference: -1.33 (1.246); CI (-3.8, 1.1); $p=0.2578$

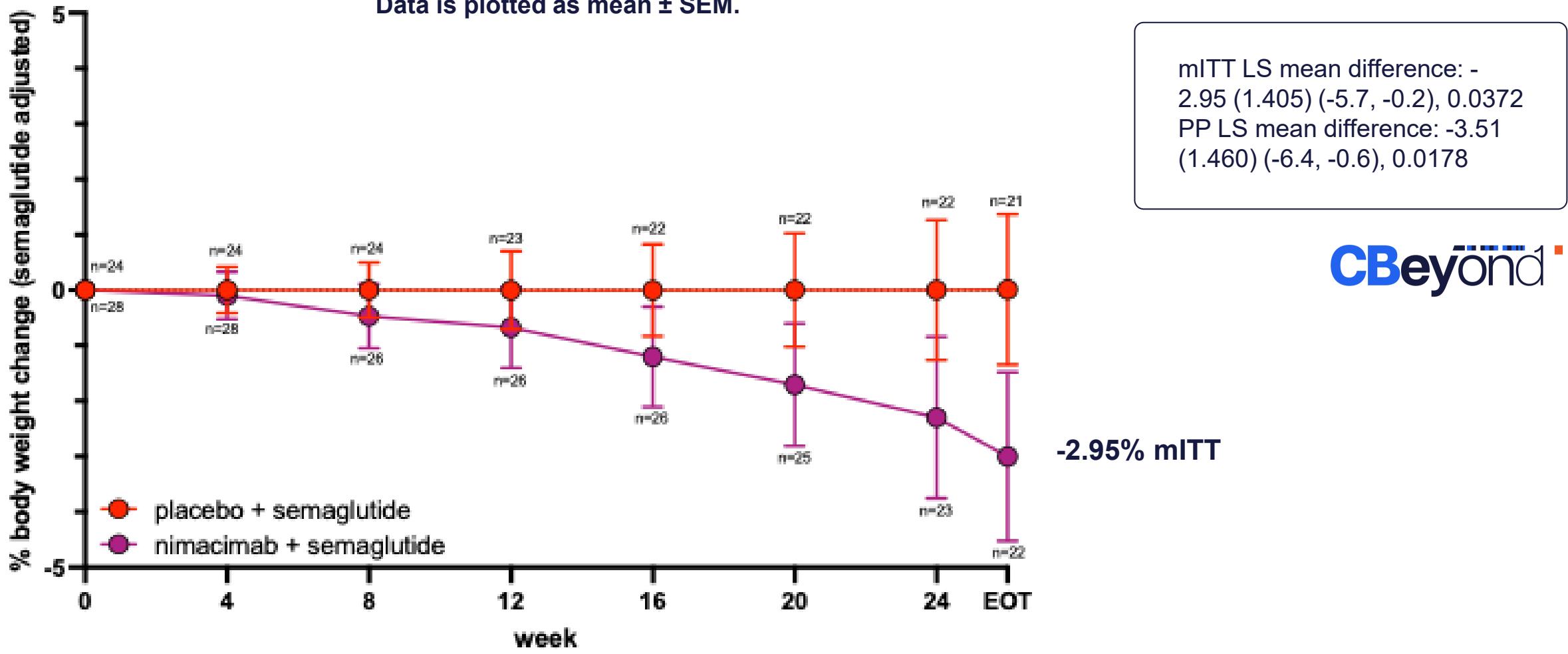
Data is plotted as mean \pm SEM.

-1.26% mITT

Increased Weight Loss in Combination with Semaglutide

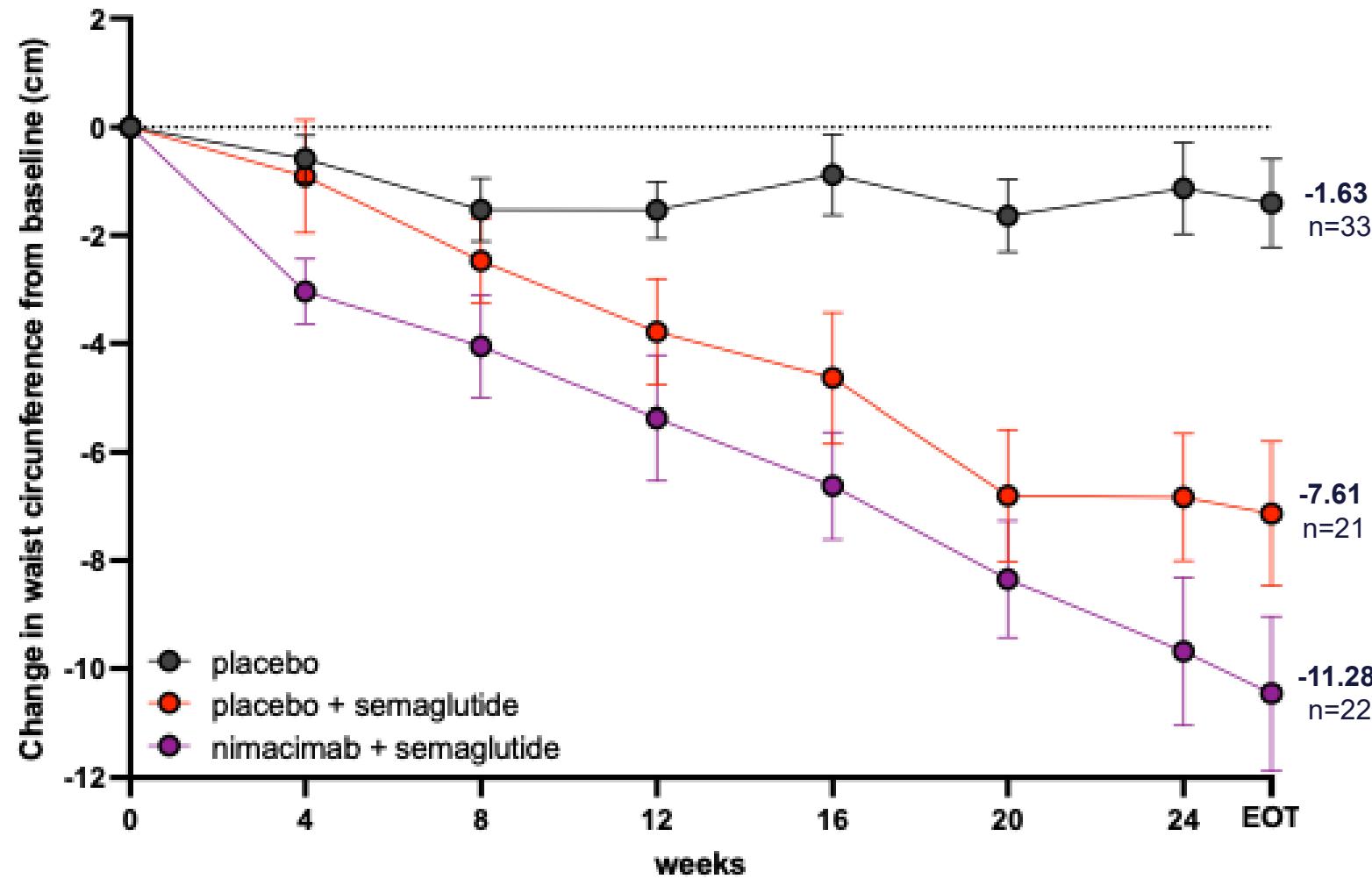


Semaglutide-adjusted Weight Loss with Combo Treatment



CBeyond

Change in Waist Circumference with Combo Treatment

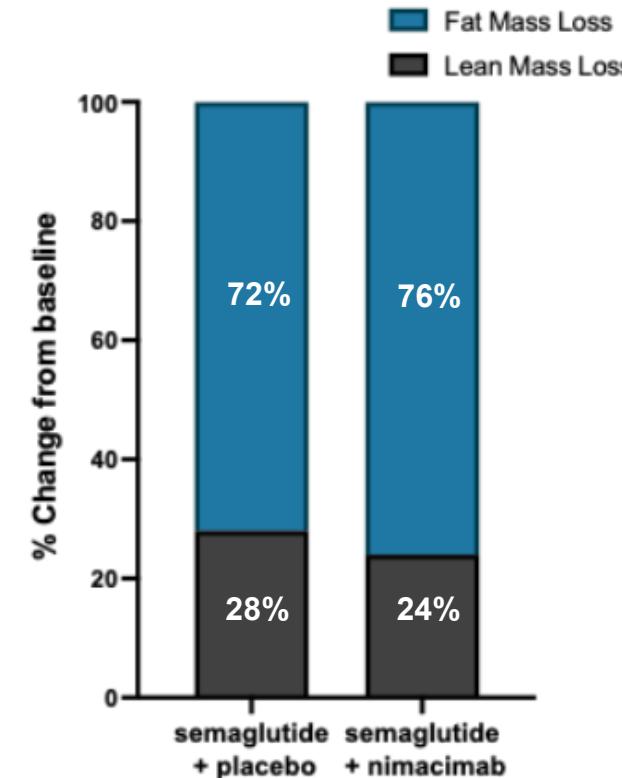
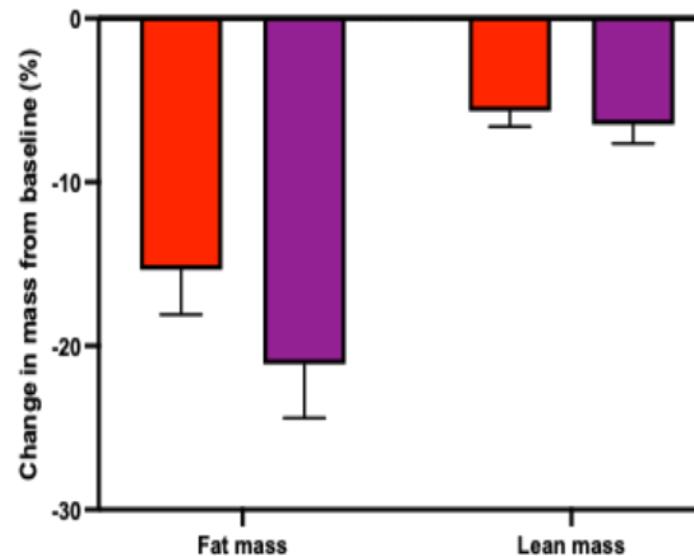


LS Means (SE) placebo -2.25 (1.00), semaglutide+placebo -8.09 (1.25), semaglutide+nimacimab -11.26 (1.16)

LS Means Difference (SE) semaglutide+placebo vs semaglutide+nimacimab -3.17 (1.59) $p=0.0492$

CBeyond

Lean to Fat Mass Ratio Improves with Nimacimab-Semaglutide Combination



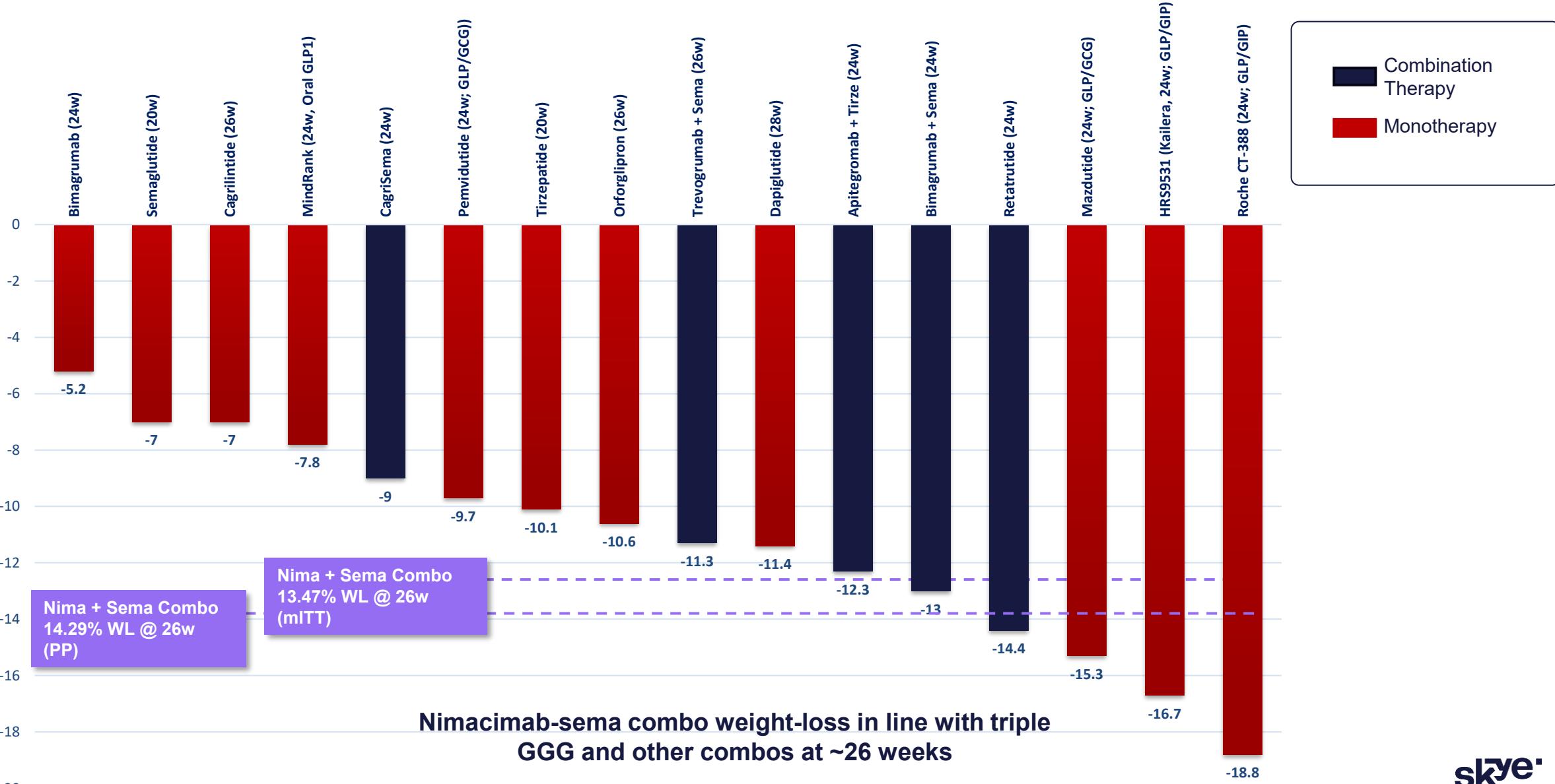
Change in Lean to Fat Mass Ratio with Weight Loss

	Placebo + Semaglutide	Nimacimab 200 mg + Semaglutide
n=20	n=25	
Mean baseline lean to fat mass ratio (SD)	1.15 (0.296)	1.06 (0.216)
Mean Week 26 lean to fat mass ratio (SD)	1.32 (0.312)	1.30 (0.463)
Least-squares mean change from baseline (SE)* (95% CI)	0.13 (0.038) (0.1, 0.2)	0.26 (0.037) (0.2, 0.3)
Least-squares mean difference from semaglutide (SE) (95% CI), P-value	0.13 (0.051) (0.0, 0.2), p= 0.0126	

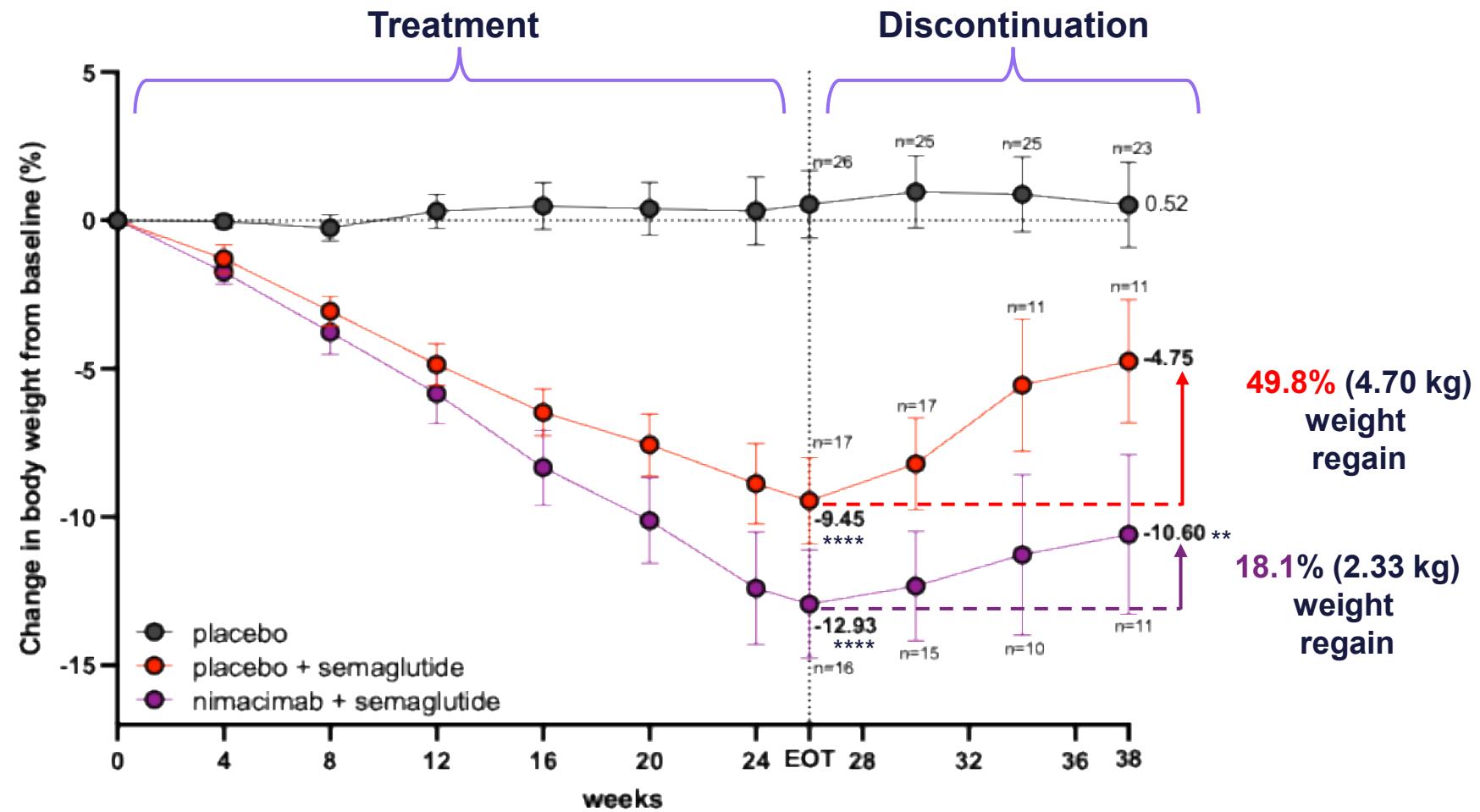
Nimacimab + semaglutide increases weight loss by ~30% & fat loss by 37% compared to semaglutide alone

Weight-Loss Benchmark at ~26-Weeks (Placebo-Adjusted)

All drugs are investigational and subject to regulatory approval.

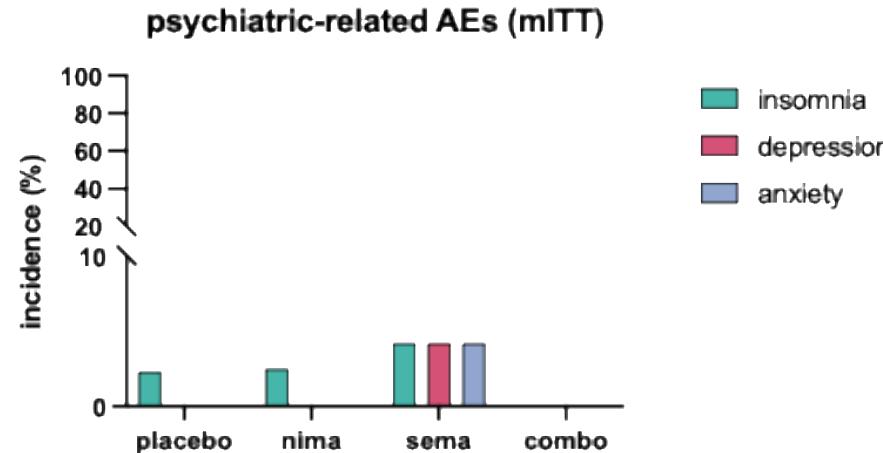
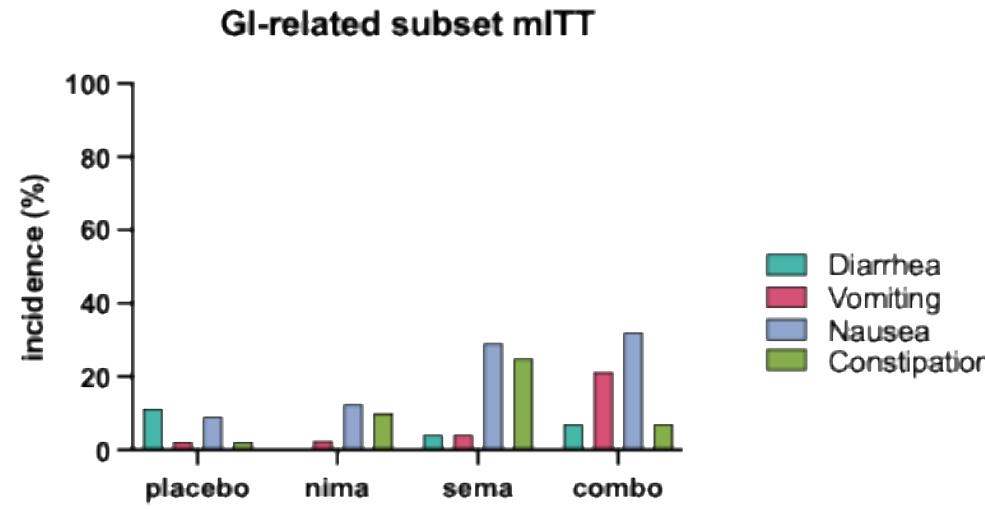


Nimacimab Reduces Weight Regain



Inclusion criteria: patients must have completed at least 75% of treatment and have at least one follow-up visit three or more weeks after week 26/EOT. Data is reported as mean \pm SEM. 2-way ANOVA followed by Tukey's multiple comparison tests, reporting significance vs placebo at week 38 and EOT. Rebound data is interim data from off-therapy follow-up.

Nimacimab Demonstrates Potential Best-in-Class Safety and Tolerability



4 patients reported psychiatric-related AEs
(insomnia n=3 events, anxiety n=1 events, depression n=1 events)

- No severe AEs or SAEs attributed to nimacimab.
- Combination of nimacimab + semaglutide did not increase number of observed AEs.
- GI adverse events were very low and consistent with profile observed in Phase 1 study.
- Neuropsychiatric adverse events were minimal and not associated with nimacimab.

CBeyond Phase 2a Topline Data – Key Takeaways

Nimacimab demonstrated additive efficacy in combination, clean safety, and mechanistic clarity — providing a defined path to higher-dose validation and Phase 2b execution

✓ Interpretation of Monotherapy Weight Loss

- The 200 mg dose was below the therapeutic range; weight loss was potentially limited by sub-optimal exposure.
- **Signal of activity** observed in high-exposure patients supports **mechanism validity**.
- Safety profile confirms **headroom to move higher on dose**.

✓ Implications of Combination Therapy Weight Loss

- **~30% (35% PP) greater weight loss** versus semaglutide alone at 26 weeks ($p = 0.0372$).
- **Improved body composition** (higher lean-to-fat mass ratio, reduced waist circumference).
- Supports potential **synergistic benefit** of peripheral CB1 blockade plus GLP-1 pathway.
- **Mitigated rebound weight gain** post-discontinuation shows potential for **durable benefit**.

✓ Significance of Favorable Gastrointestinal and Neuropsychiatric Profiles

- **No neuropsychiatric adverse events** observed across any arm.
- **No additive GI burden**
- Differentiates nimacimab as a **combination-friendly, titration-free antibody** suitable for chronic use.

What We Learned From

CBeyōnd¹

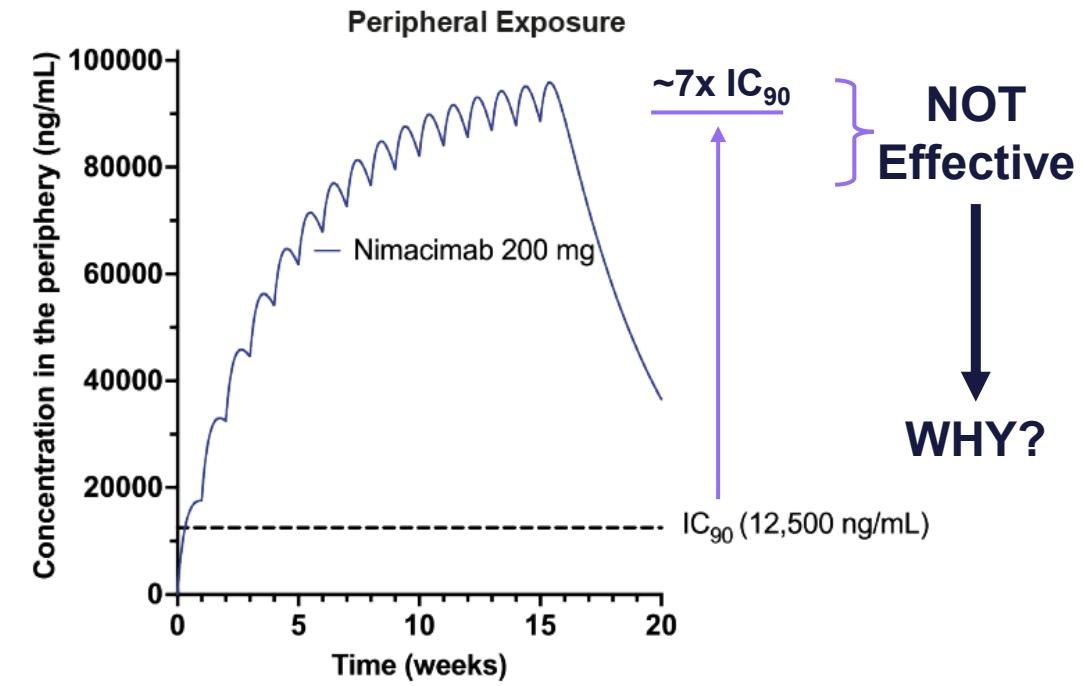
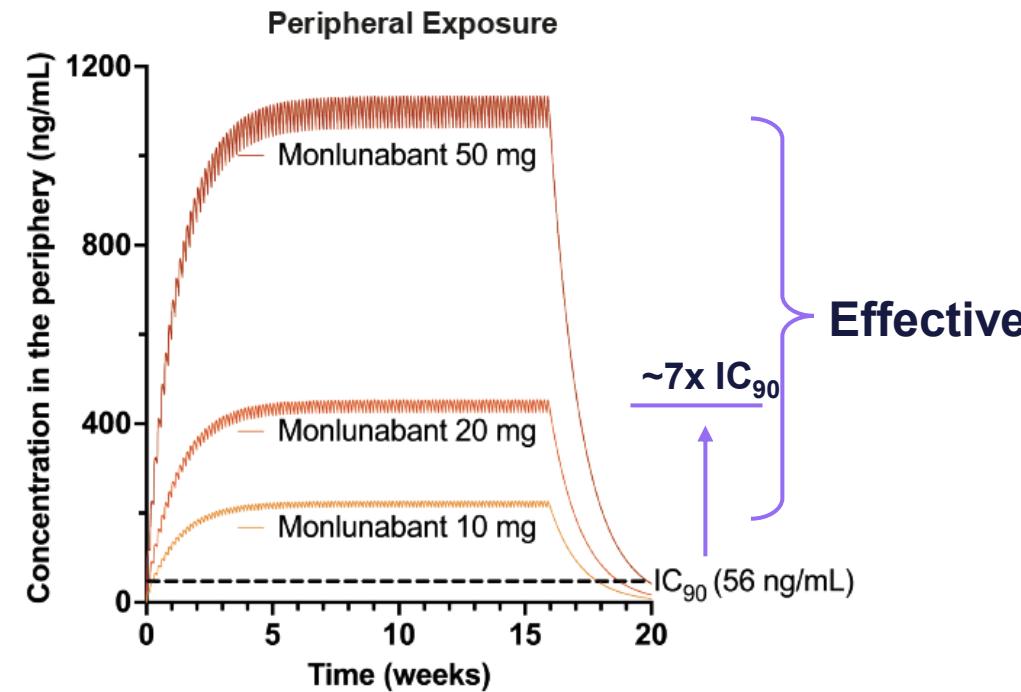
What We Learned from CBeyond

Data from CBeyond, together with our preclinical models, suggest:

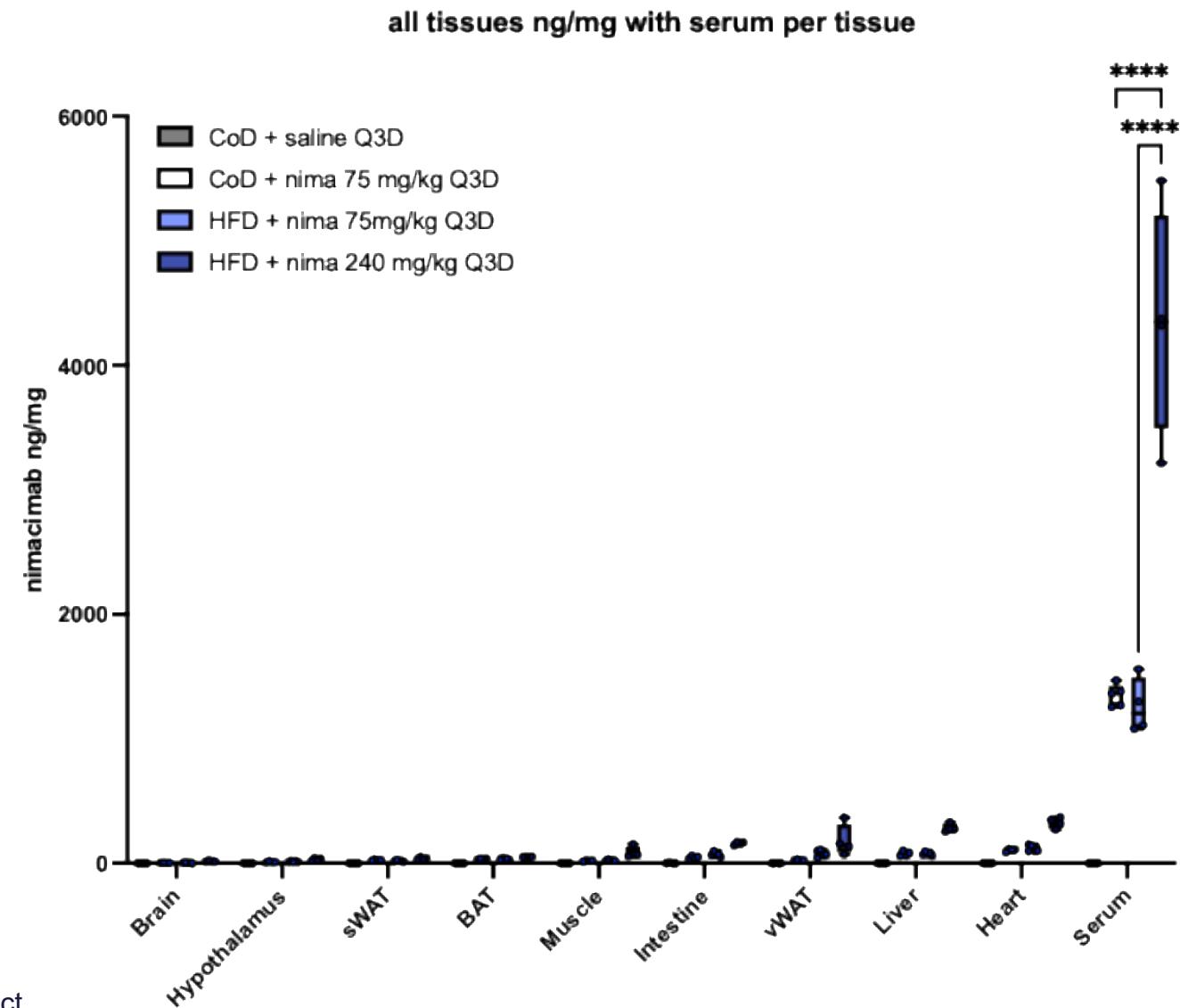
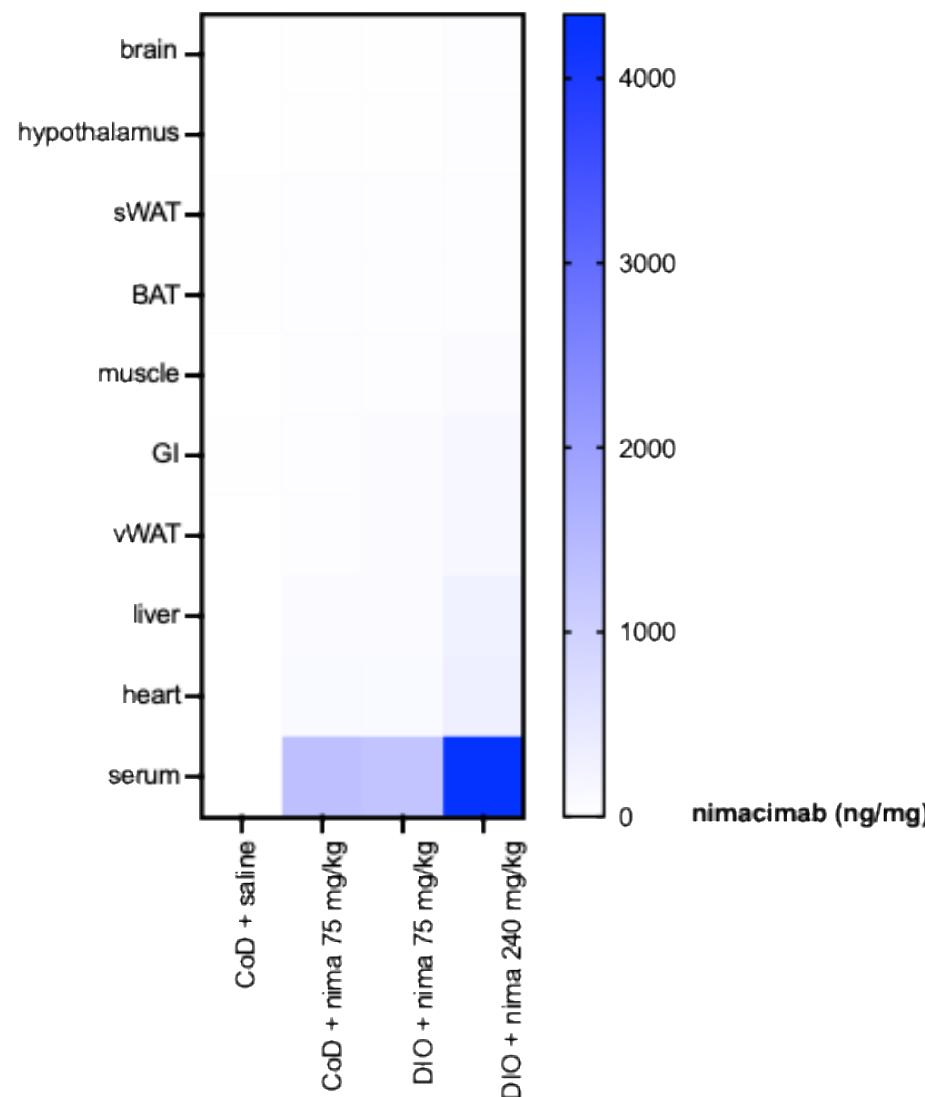
1. Concentration in the serum does not equal concentration in the tissues, and achieving a higher serum concentration and steady-state sooner through a loading dose can potentially improve response.
2. Nimacimab can be dosed significantly higher and drive additional weight loss as both a monotherapy and in combination with semaglutide.
3. Compliance and retention are priorities for the success of the next study. We will budget to include weekly on-site visits for dosing and implement highly competitive retention programs.

Initial rationale for CBeyond Dosing

- Before pharmacodynamic data (clinical weight loss or DIO model), Skye developed clinical PK models (Ph1 data) to understand dosing options
- IC_{90} (serum) was used as a surrogate for target engagement
- Similar IC_{90} at $C_{max, ss}$ with 20mg monlunabant and 200mg nimacimab



Nimacimab biodistribution in lean and obese mice

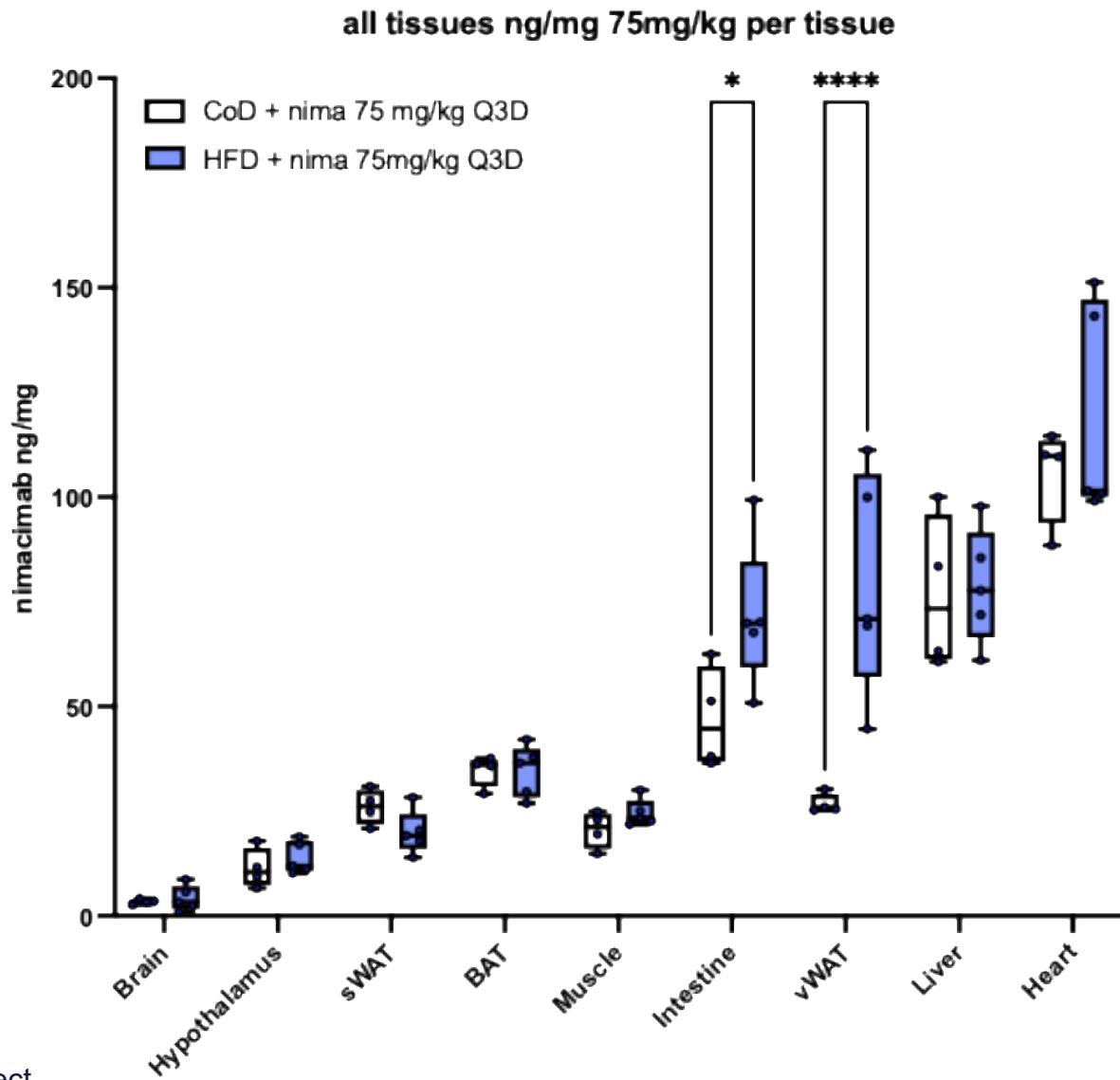
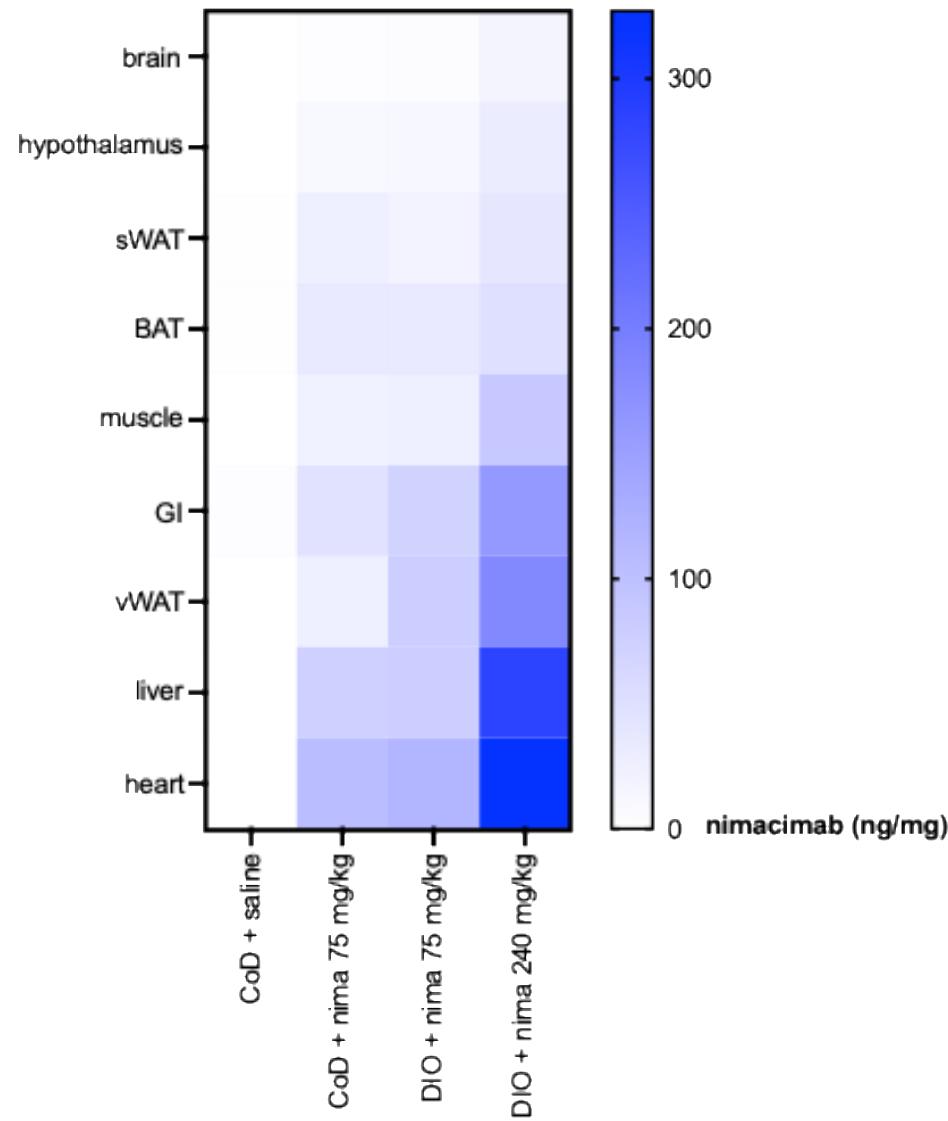


Human IgG ELISA kit (Ray Biotech, catalog# ELH-IGG) was used to detect nimacimab in tissue homogenates. Results are reported as ng of nimacimab/mg of tissue. N=4-5 per group.

2-way ANOVA followed by Tukey's multiple comparison tests per tissue.

SKYE

Nimacimab tissue biodistribution in lean and obese mice



Human IgG ELISA kit (Ray Biotech, catalog# ELH-IGG) was used to detect nimacimab in tissue homogenates. Results are reported as ng of nimacimab/mg of tissue. N=4-5 per group.

2-way ANOVA followed by Tukey's multiple comparison tests per tissue.

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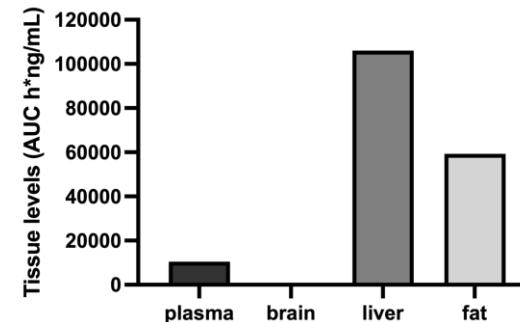
Beyond the Serum: CB1 Inhibition in Peripheral Tissues

Small molecule vs antibody-based CB1 inhibitors demonstrate differential distribution in peripheral tissues

Small molecule

"S-MRI-1867 exhibited high exposure in most tissues, with concentrations ranging from 2 to 31 times greater than in plasma"

Adapted from Padilha EC. et. al. *Biomed Pharmacother.* 2023 Dec;168:115178



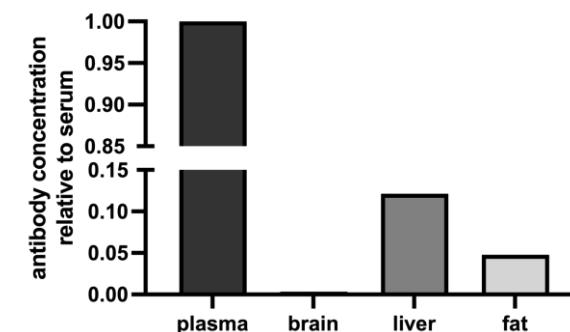
"Tissue distribution of Rimonabant preferentially accumulated in the liver and the adipose tissue"

Muller T. et. al. *Int J Mol Sci.* 2022 Mar 8;23(6):2923

Antibody

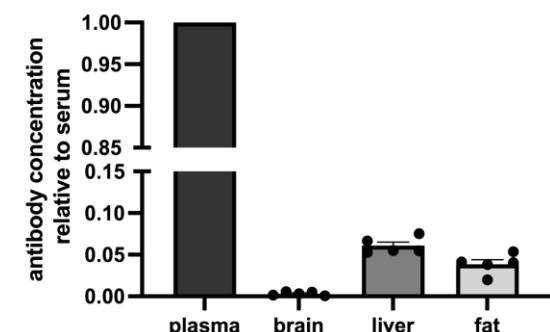
Antibody distribution into tissues is ~4–16% of the plasma concentration for most tissues

Shah, D. K., & Betts, A. M. *mAbs*, 2013 5(2), 297–305

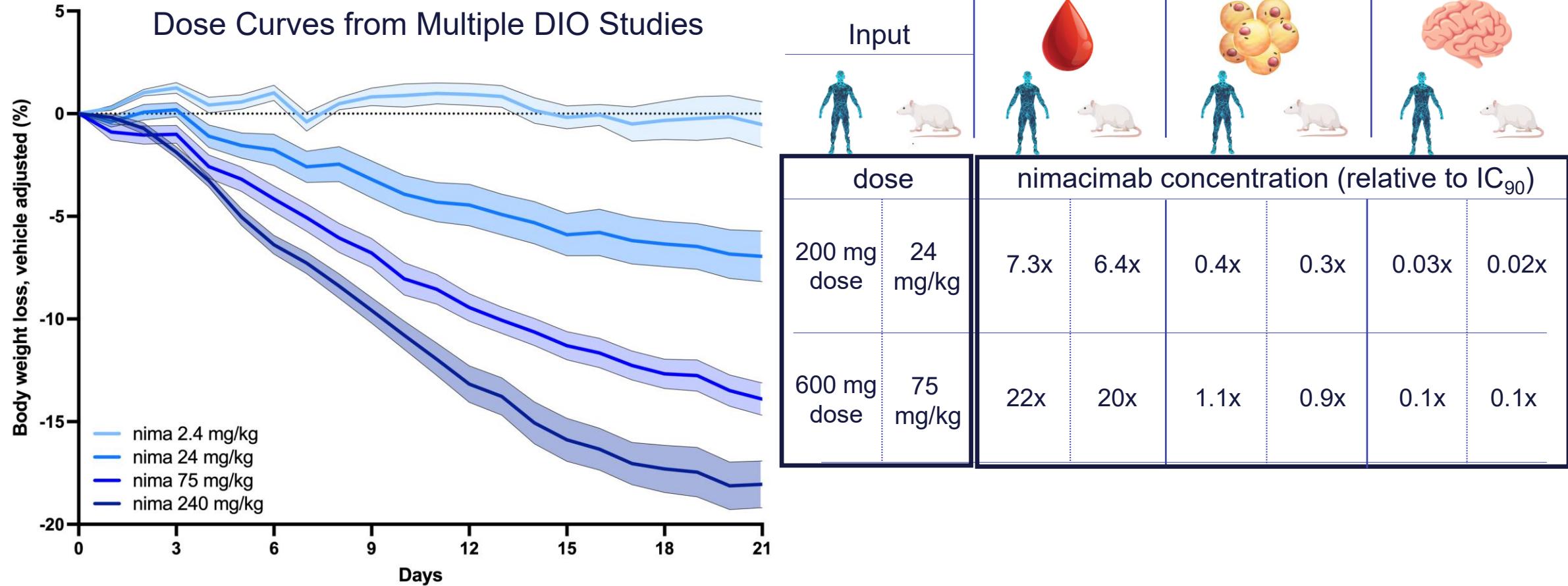


Skye BioD mouse data*

*this is data from the previous slide – ratios are derived tissue vs serum



Compartmental Analysis: Activity associated with CB1 inhibition in peripheral tissue



Nimacimab concentration in serum based on C_{trough} at week 26 (human Ph1) and day 24 (DIO mouse). Concentration in adipose tissue used serum:adipose ratio derived from NHP bioD study and published human data (human) and Skye bioD DIO data (mouse). Concentration in brain used serum:brain ratio derived from more conservative published human data (human) and Skye bioD DIO data (mouse).

Clinical Strategy

Phase 2 Adaptive Design

Dose-Ranging Study

Path to the Phase 3 Pivotal Study

CBeyond²

Phase 2b

An adaptive study
designed to optimize
combination therapy
doses

Part A Monotherapy Dose Selection

Evaluate 3 doses of nimacimab as
a single agent against placebo

Part B Combination Dose Optimization

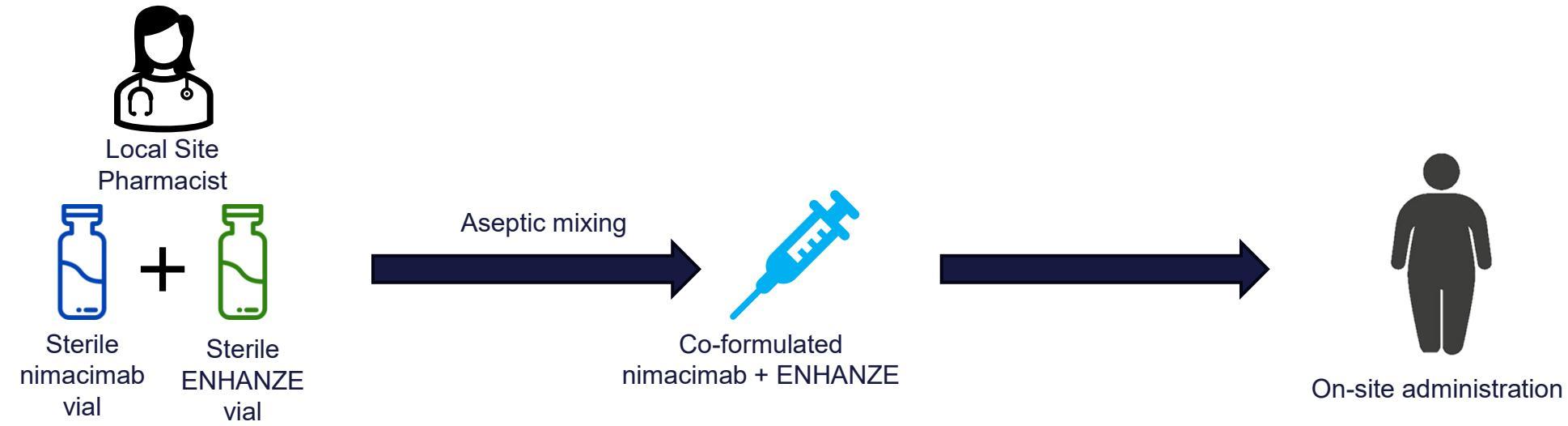
2 selected doses, based on safety
and efficacy will be tested in
combination with semaglutide
versus semaglutide alone

CBeyond³

Phase 3 Ready

“Mix-and-Deliver” Approach – Ensuring Compliance

- In the potential Phase 2b study, all patients will visit the site for their weekly injections.
- These mandatory weekly visits will ensure compliance, while also allowing for ENHANZE and nimacimab to be co-formulated on-site prior to injection.
- This “mix-and-deliver” approach reduces need for co-formulation development prior to Phase 2b study start.
- Compatibility and in-use stability (CIUS) studies will be completed to support ‘mix-and-deliver’ approach to use the co-formulated product as a Category 1 Compounded Sterile Preparation.



Regulatory Strategy Combination Approval, Monotherapy Opportunity

Combination Regulatory Strategy

- Phase 2b adaptive design is meant to satisfy the agency need to evaluate contribution of parts between nimacimab and semaglutide.
- If acceptable, we believe the pivotal Phase 3 design would only require a two-arm study comparing combination of nimacimab+semaglutide versus placebo.
- There is precedent for this approach as QSYMIA was approved on the basis of studies evaluating the combination of phentermine+topiramate versus placebo.

Monotherapy Opportunities

- Nimacimab has opportunity to fill gaps in the 2nd line therapy space after patients fail NuSH therapies (i.e. GLP1, GLP1/GIP, or amylin).
- If nimacimab alone can demonstrate at least +8% pbo-adjusted weight loss then it could be an ideal 2nd line therapy
- Alternatively, nimacimab has the potential as a maintenance therapy, using a similar regulatory path to orlistat (Xenical).
- Xenical Label:

-----INDICATIONS AND USAGE-----

- XENICAL is a reversible inhibitor of gastrointestinal lipases indicated for obesity management including weight loss and weight maintenance when used in conjunction with a reduced-calorie diet. (1)
- XENICAL is also indicated to reduce the risk for weight regain after prior weight loss. (1)

4.0

Financial Overview

Select Financial Figures & Metrics



- \$107M in equity capital raised since August 2023
- Supported by top-tier specialist life science investors
- Funded into 2027, runway excludes clinical cost and cost to complete the manufacturing for the Phase 2b
- Ongoing strategic investments in scaling manufacturing, operations, R&D, and advancing the clinical pipeline

Stock Information

Listed: Nasdaq	SKYE
Stock Price ¹	\$0.98
Shares Outstanding ²	32.1M
Shares Fully Diluted ²	47.9M
Cash, Cash Equivalents & Short-term Investments ³	\$35.3M
Market Cap (inclusive of PFWs) ¹	\$37.6M
Avg. 3-Mo. Daily Trading Volume ³	858K

¹ Jan 9/26 ² Nov 11/25 ³ Sep 30/25

Multiple Anticipated Catalysts Over the Next 12 Months

Q1 2026	Q2 2026	H2 2026	Q1 2027
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CBeyond Interim Extension Data

FDA Type C Meeting

CBeyond Topline Extension Data

CBeyond² Phase 2b Study Initiation

CBeyond² Part 1 Study Enrollment Complete

Leadership

Contributed to commercialization of 40+ drugs/diagnostics, led high-value strategic transactions, and co-founded multiple companies

Executive Management



Punit Dhillon
President & CEO



Kaitlyn Arsenault, CPA
Chief Financial Officer



Tu Diep, MSc
Chief Operating Officer



Paul Grayson
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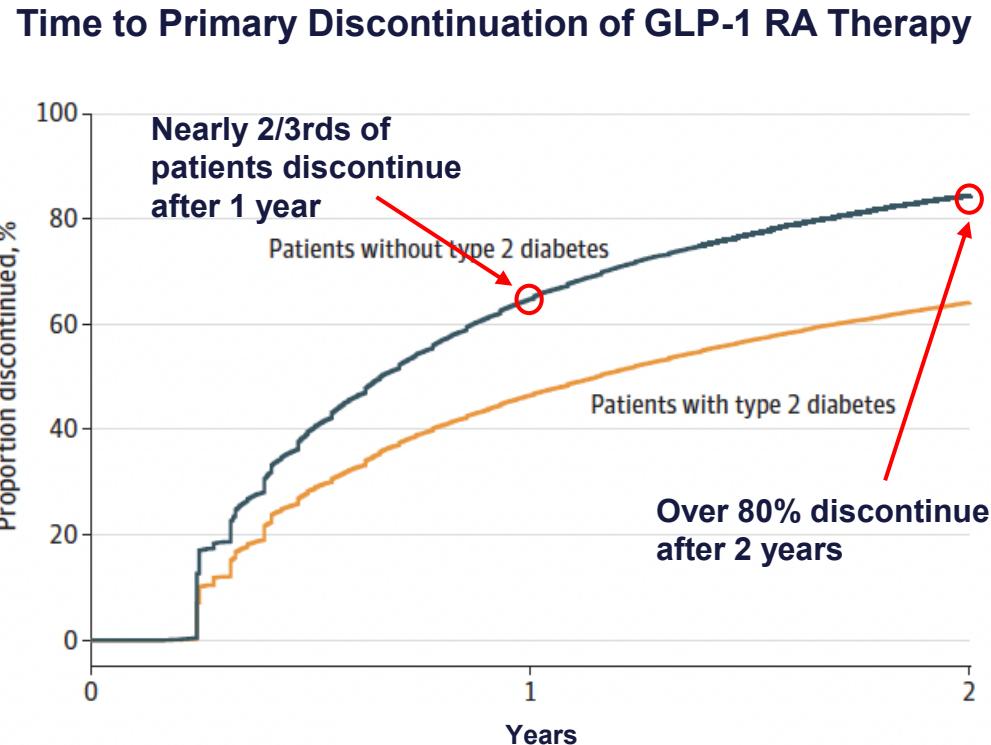
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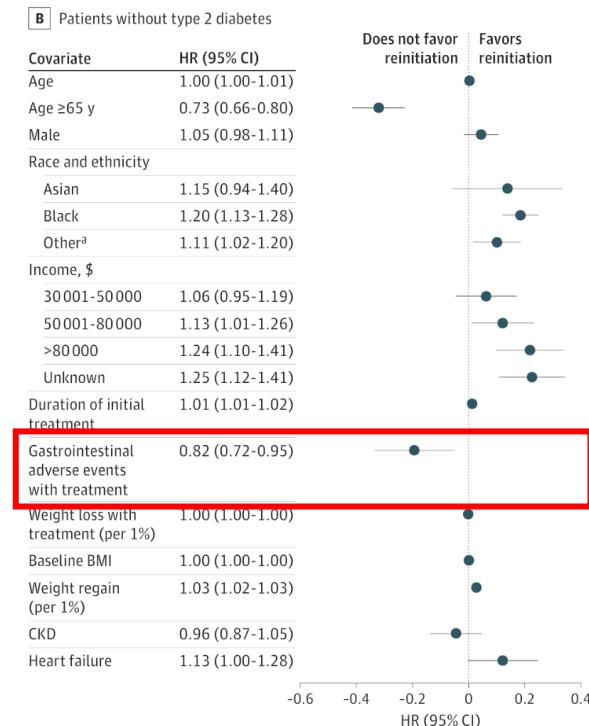
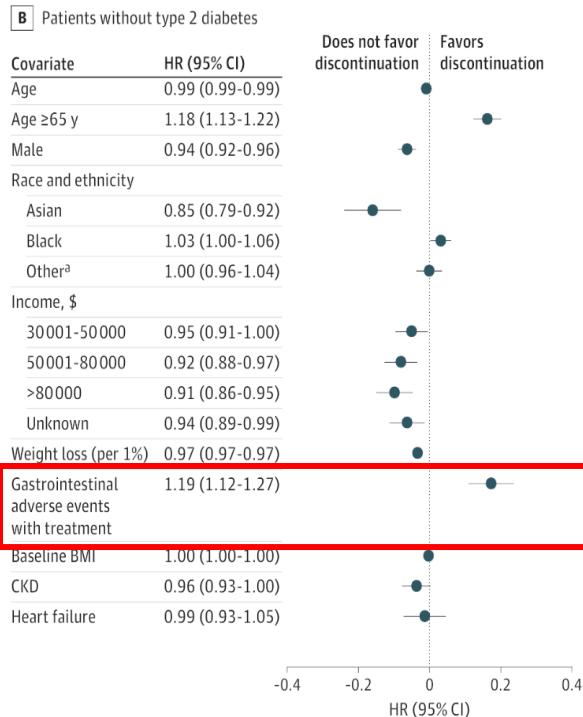
Appendix

Pattern of GLP-1 Discontinuation

Most adults with overweight or obesity discontinue GLP-1 RA therapy within one year



Discontinuation and Reinitiation Rates Strongly Correlated with GI Intolerance



Source:

1 Rodriguez et al., Discontinuation and Reinitiation of GLP-1 Receptor Agonists Among US Adults with Overweight and Obesity. JAMA Network Open. 2025;8(1)e2457349 doi:10.1001/jamanetworkopen.2024.57349

Nimacimab – Preclinical

Deeper Look at Preclinical Data Validating the Potential of Peripheral CB1 Inhibition

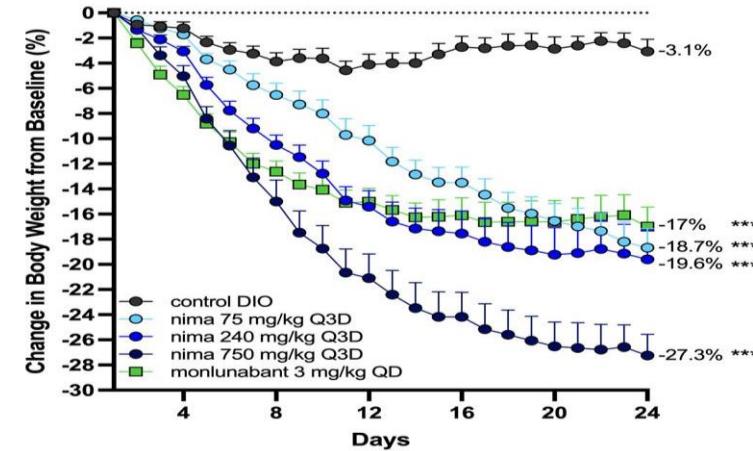
Diet-induced Obesity Model Data Characterizes the Ability of Nimacimab to Induce Meaningful Weight Loss and Other Pertinent Outcomes as a Monotherapy and Combination Therapeutic

Preclinical Data: Vital Insights & Validation of Nimacimab

DIO model highlights peripherally-restricted CB1-inhibiting antibody outcomes within class + relative to GLP1s

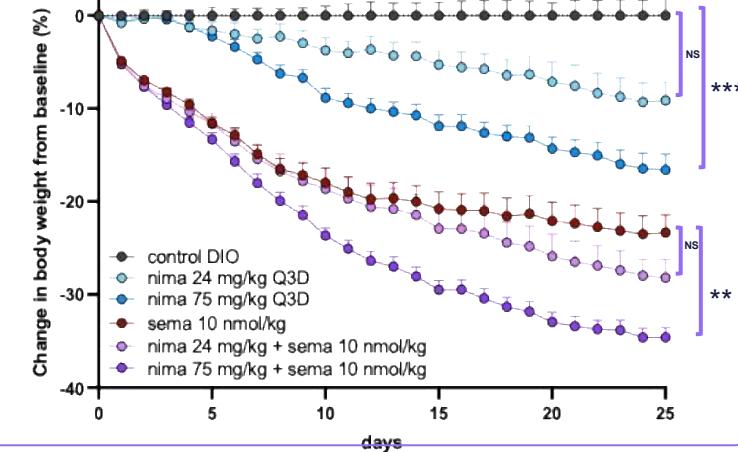
Potential Efficacy Advantage vs Small-Molecule CB1 Inhibitor

Dose-dependent weight loss of nimacimab validates utility of peripheral CB1 inhibition (with no evidence of neuro AEs)



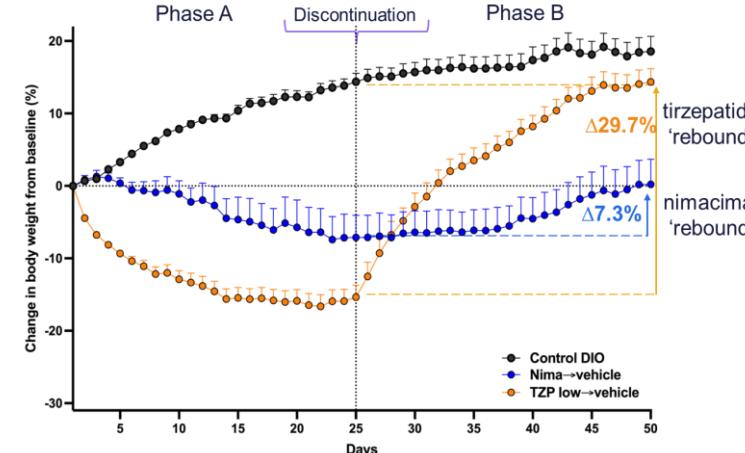
Increasing Nimacimab Unlocks Combination with Incretin

Preclinical DIO study models combination with a suboptimal CBeyond dose (24mg/kg) vs an active clinical dose (75mg/kg)



Potential Efficacy Advantage vs Small-Molecule CB1 Inhibitor

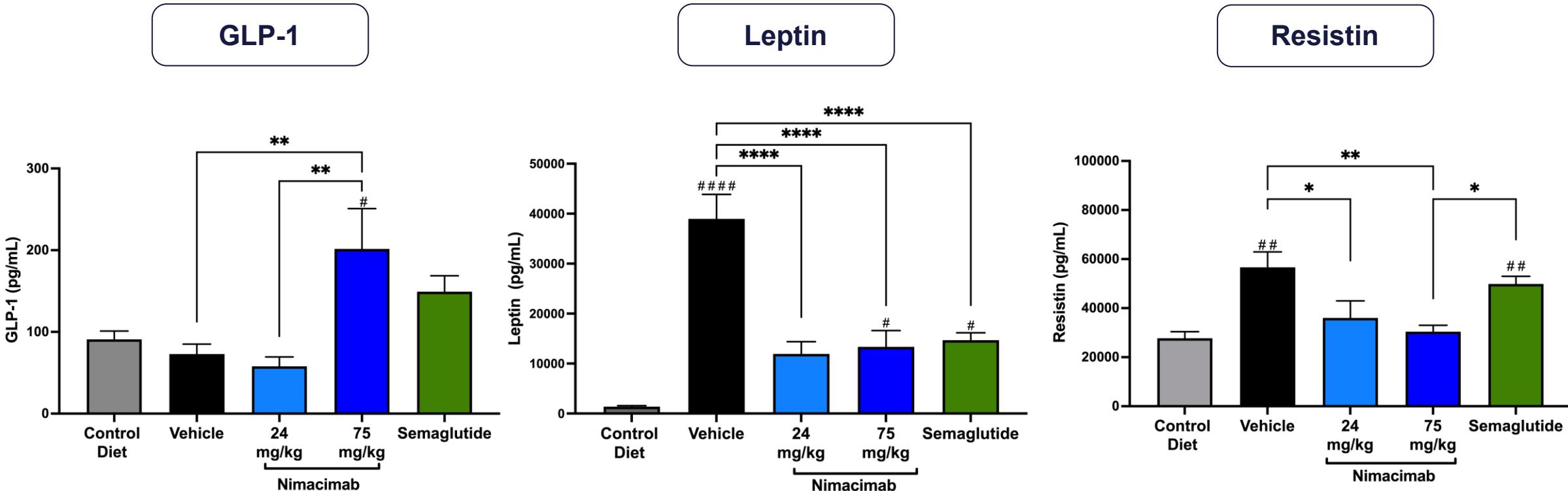
Nimacimab drives meaningful weight loss with more durable outcome vs incretin therapy



Nimacimab, a highly-restricted CB1-inhibiting antibody, displays attributes that indicate superiority within the class and characterize its potential for a broad TPP encompassing mono, maintenance, and combination therapies

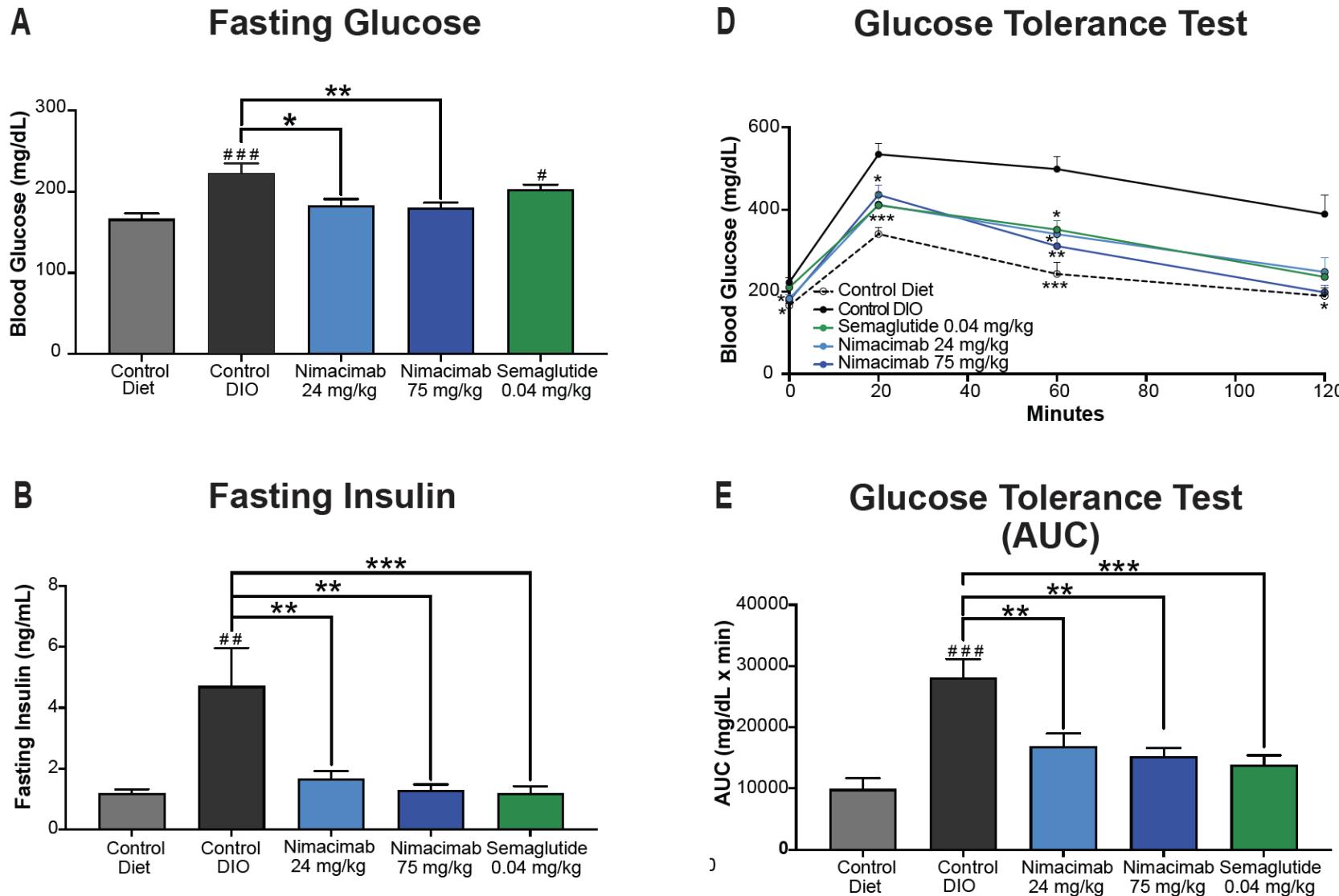
Productive Modulation of Key Hormones with Nimacimab

Peripheral CB1 inhibition modulates gut and adipose tissue hormones important for central control of appetite



Serum was collected on day 36 and hormone levels were determined with a Bio Plex Multiplex immunoassay. For all analyses: one-way ANOVA repeated measurements (Tukey multiple comparison test). # denotes significance to the control diet group.

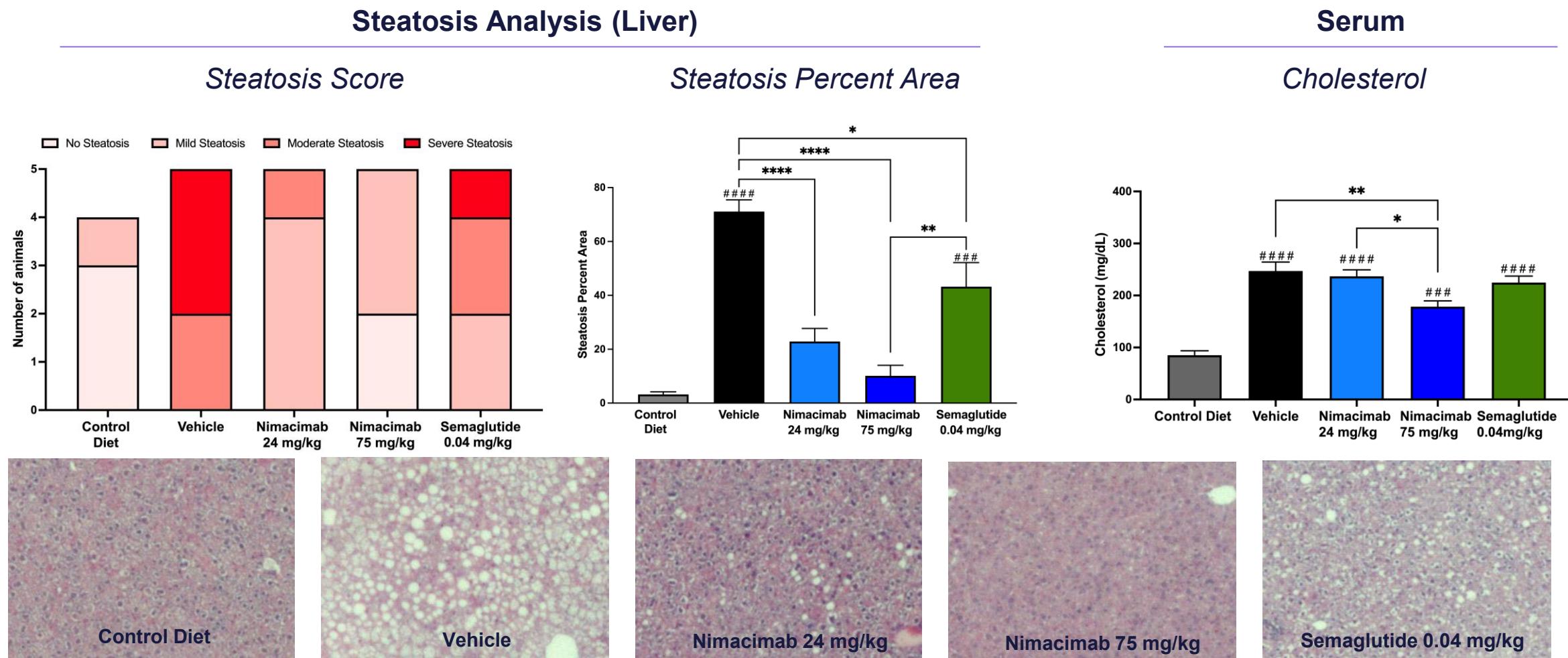
Nimacimab Improves Glycemic Control



Day 27 mice were fasted for 4h before collecting serum to measure glucose and insulin levels. Day 27 mice were fasted for 4h before ip injection of 2g/kg glucose. GTT analyses: 2-way ANOVA repeated measurements (Tukey multiple comparison test); baseline subtracted AUC analysis was performed with a one-way ANOVA with Tukey multiple comparison test.

Nimacimab Treatment Promotes Lipid Metabolism

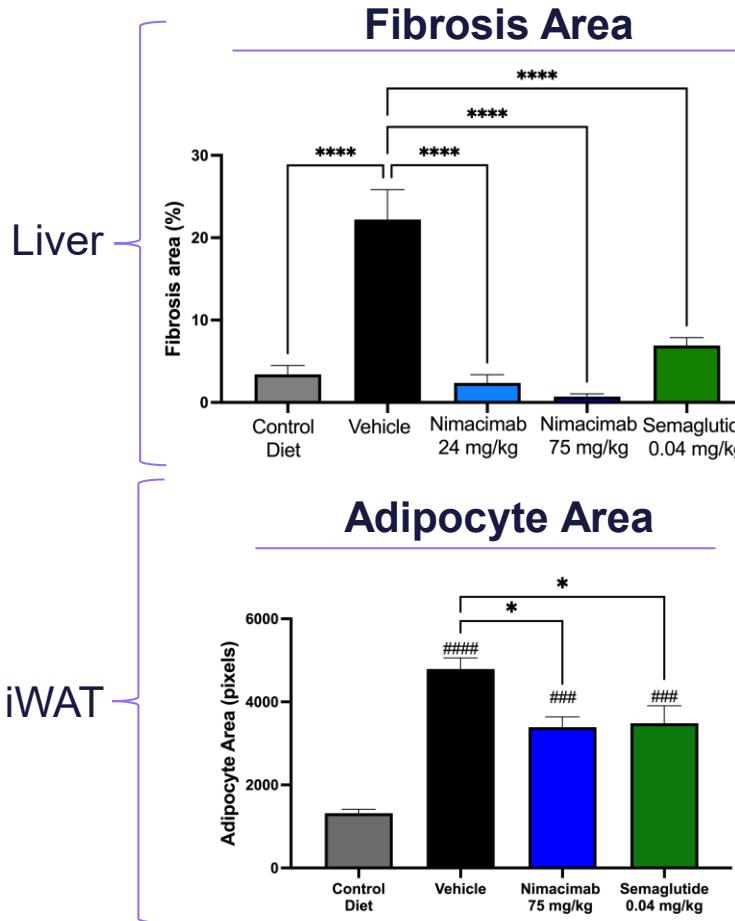
Dose-dependent reduction in steatosis and serum cholesterol



Liver sections scored by a pathologist using computer-aided analysis. A score of 0-3 was assigned based on % of hepatocytes with fat. 0 = no steatosis (<5%), 1=mild (5-33%), 2=moderate (>33-66%), 3=severe steatosis (>66%). (B) steatosis percent area was analyzed using computer-aided analysis with Cellprofiler. (C) Cholesterol levels were measured in serum using a commercial kit. n=4-5 One-way ANOVA followed by Tukey's multiple comparisons test. *p<0.05, **p<0.01, ***p<0.001, ****p<0.0001. ###p<0.001 vs control diet.

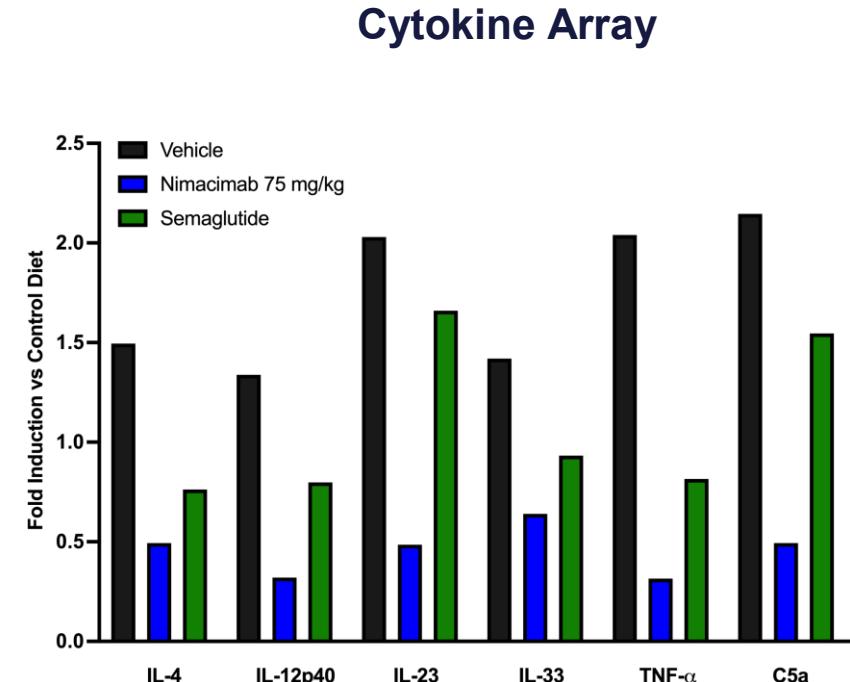
Nimacimab Improves Obesity-related Inflammation

Reduced Inflammation, Fibrosis, and Adipocyte Area



Four fields per slide were quantified for liver F4/80 staining and five for iWAT F4/80 staining. Two to three fields per slide were quantified for Picosirius Red staining (fibrosis). Three fields per slide were quantified for adipocyte area in iWAT. Analysis was performed using a one-way ANOVA with a Tukey multiple comparison test. # denotes significance to the control diet group. *p<0.05, **p<0.01, ***p<0.001, ****p<0.0001.

Serum Inflammation Markers



Serum samples were pooled for each group (n=7-8 per group) and assayed for cytokine expression using the Proteome Profiler Mouse XL Cytokine Array.

Nimacimab Peripheral CB1 Inhibitor: Preclinical Profile

A differentiated mechanism with broad potential across treatment settings

✓ Durable and Clinically Relevant Weight Loss

- Nimacimab consistently reduces fat mass while **preserving lean mass** in DIO models.
- Weight loss is durable, with **minimal rebound after treatment withdrawal**.

✓ Additive & Orthogonal to Incretins

- In combination with tirzepatide, nimacimab achieved **>40% weight loss (vehicle-adjusted)** with minimal rebound in DIO models, supporting its role in **combination and maintenance therapy**.

✓ Favorable Outcomes vs. CB1 Small Molecule Benchmarks

- All nimacimab dose levels compared **favorably to monlunabant** both during treatment and in post-withdrawal rebound models in DIO models.
- Maintains potency despite endocannabinoid competition and exhibits **peripheral restriction**, potentially avoiding CNS liabilities.

✓ Broader Metabolic Benefits

- Improves glycemic control, reduces hepatic steatosis and serum cholesterol, and decreases obesity-induced inflammation and fibrosis.

Nimacimab

Targeting CB1 – Broad
Metabolic Potential with
Clinically Validated Mechanism
of Action

Superior Exclusion of CB1 Inhibitor from Brain; No Neuropsychiatric Side Effects

NHP and Ph1 data highlight nimacimab's lack of CNS accumulation

Cyno	Day 1 (post 1 st dose)	Day 8 (post 2 nd dose)	Day 15 (post 3 rd dose)
CSF/Serum 3 mg/kg IV q1w	BLQ	<0.02%	<0.02%

Cyno	9 hours
CSF/Serum 40 mg/kg IV	0.01%

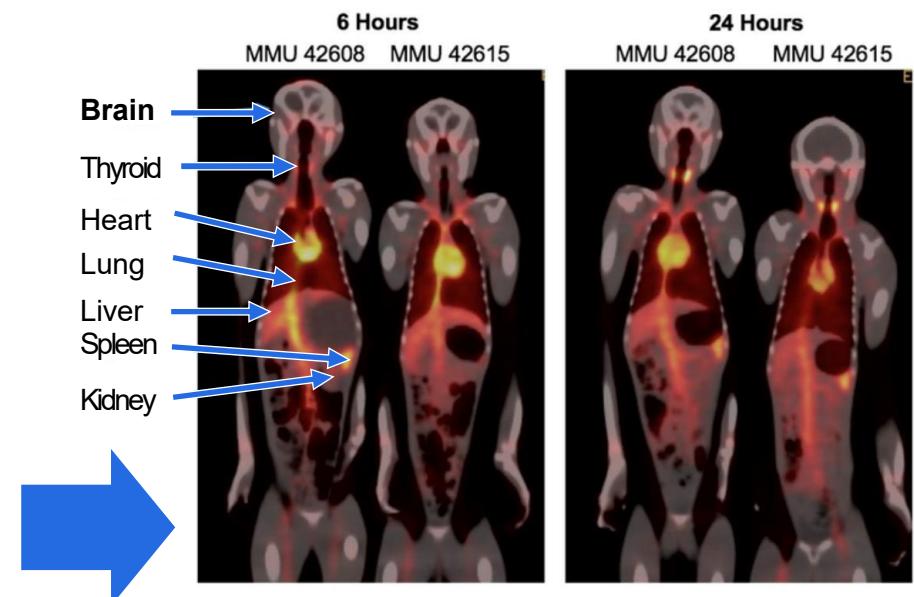
Rhesus	48 hours
CSF/Plasma	0.05%
Prefrontal Cortex/Plasma	0.83%
Cerebellum/Plasma	0.84%
Liver/Plasma	16.44%

— Level in CSF determined using quantitative ELISA

— Uptake of isotope ¹²⁴I-labeled nimacimab antibody in tissues

PET imaging also confirmed broad antibody distribution in tissues having upregulated CB1 expression, with no accumulation in the brain

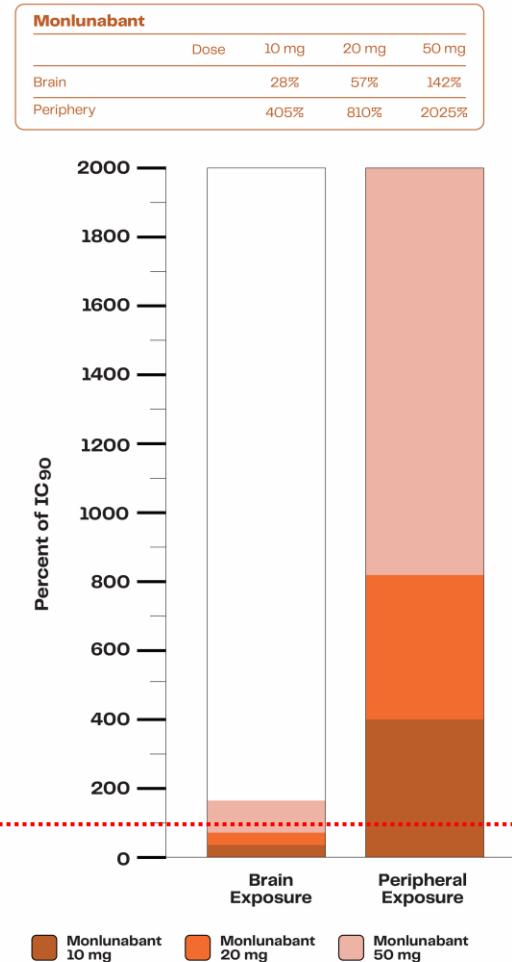
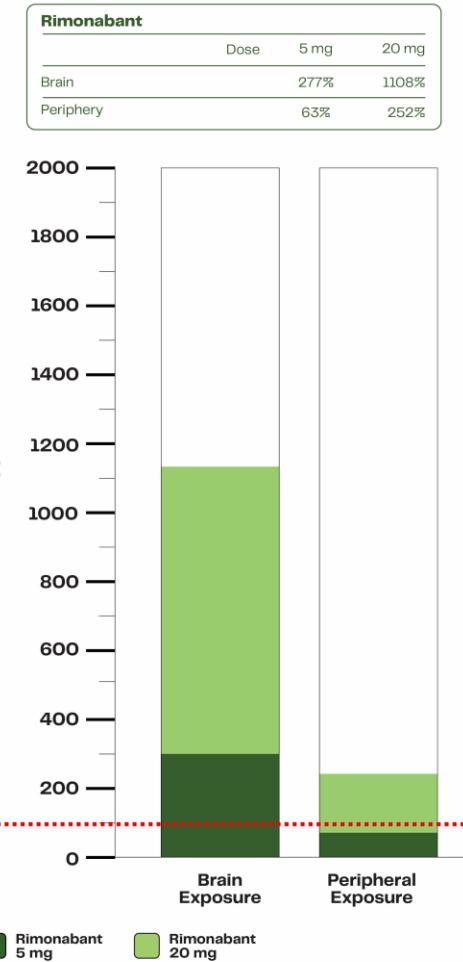
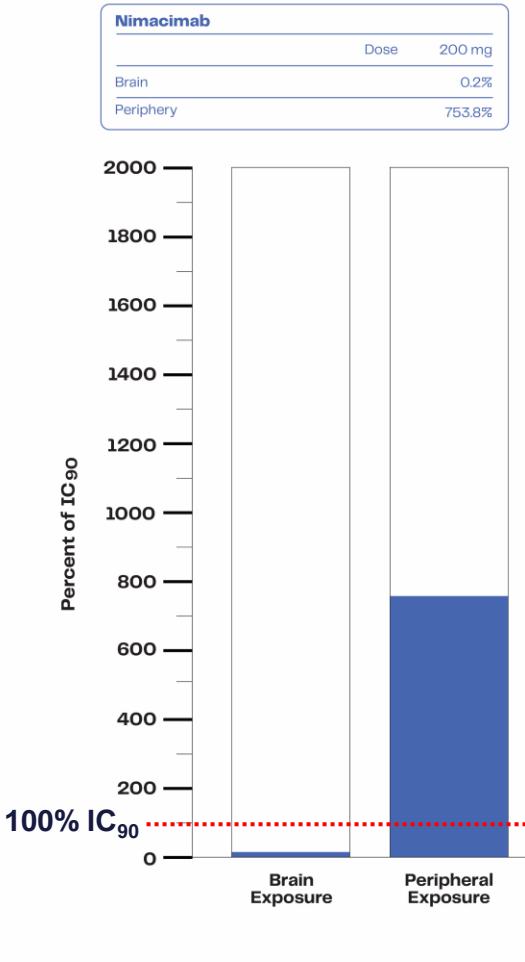
Phase 1 data showed absence of negative neuropsychiatric effects in humans



- Tissues harvested without perfusion
- Tissue to plasma assuming 1 mL = 1 g

Nimacimab Achieves Peripheral CB1 Inhibition Without CNS Risk

Superior peripheral restriction vs. small molecules: over 750% of IC₉₀ in periphery, with <1% CNS exposure



Rimonabant:

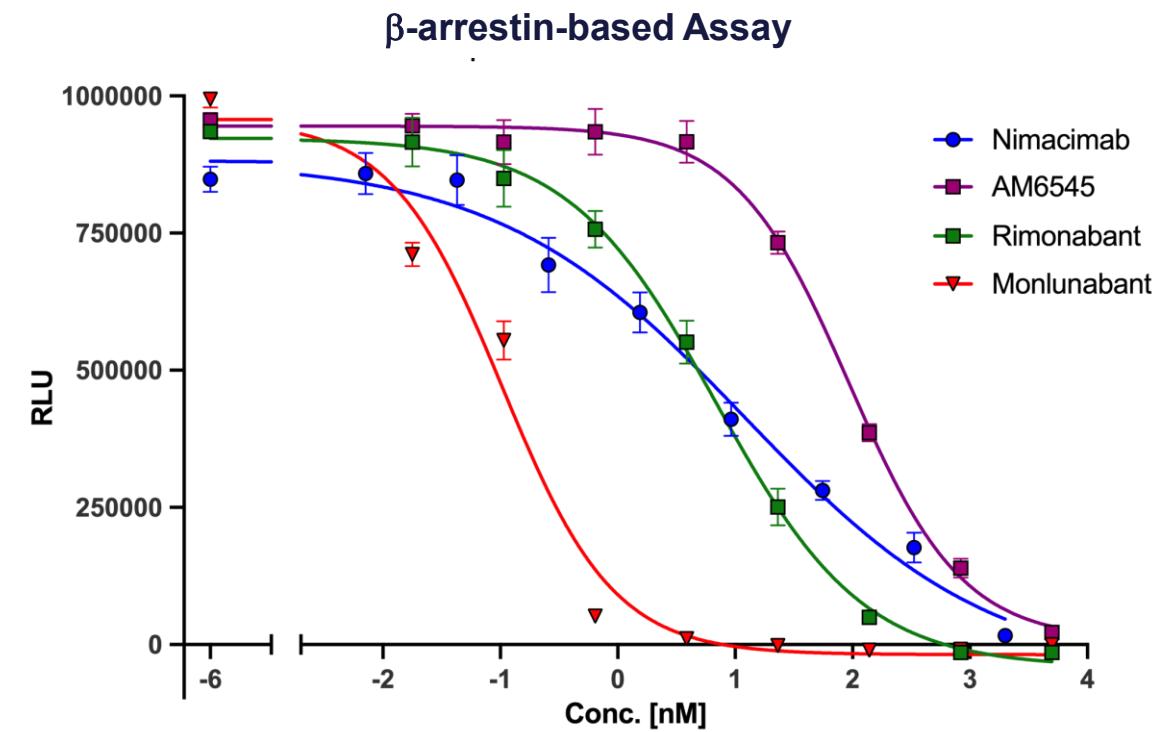
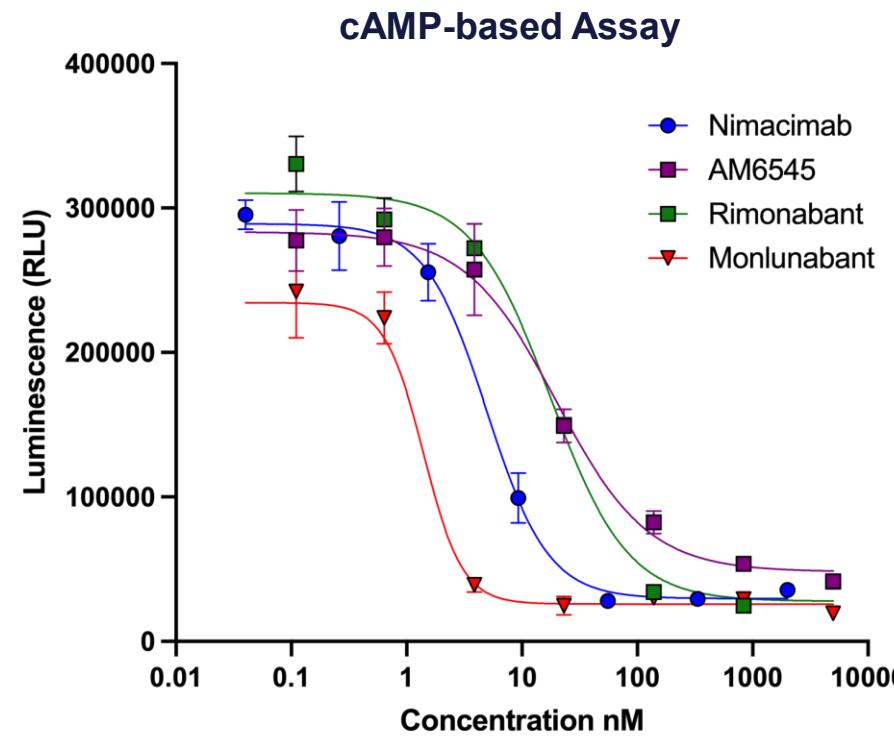
- 5mg and 20mg doses have significant brain exposure, resulting in neuropsychiatric effects at both doses.
- Only 20mg exceeds IC₉₀ in the periphery, resulting in significant weight loss.

Monlunabant:

- 10mg, 20mg, and 50mg doses all exceed IC₉₀ in the periphery, resulting in significant, but not dose-dependent, weight loss.
- Increasing doses result in increasing exposure in the brain which leads to dose-dependent increase in neuropsychiatric effects without additional weight loss benefit.

Nimacimab Achieves Peripheral CB1 Inhibition Without CNS Risk

Superior peripheral restriction vs. small molecules: over 750% of IC₉₀ in periphery, with <1% CNS exposure



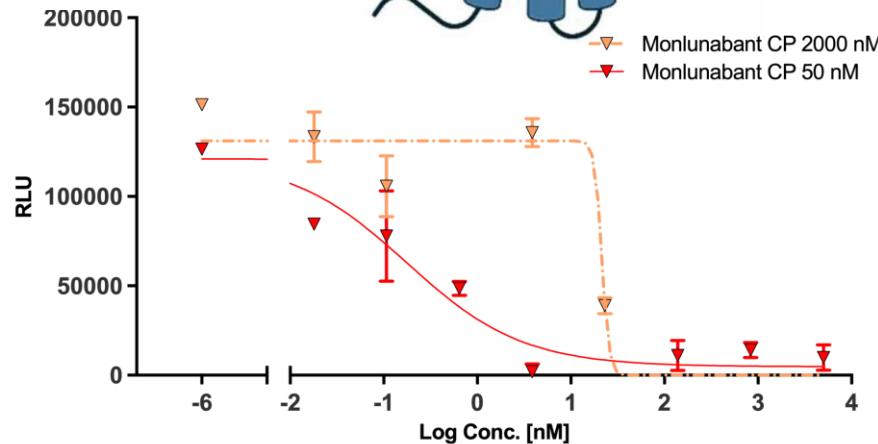
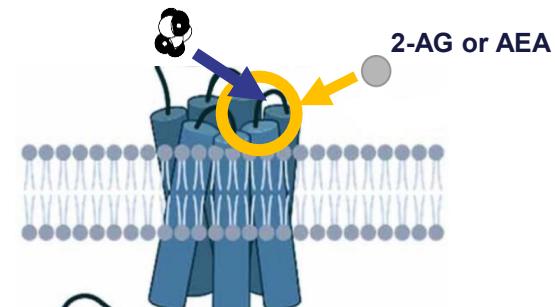
CB1 Inhibitor	IC ₅₀ (nM)
Nimacimab	4.96
AM6545 (neutral antagonist)	19.95
Rimonabant	17.6
Monlunabant	1.4

CB1 Inhibitor	IC ₅₀ (nM)
Nimacimab	10.83
AM6545 (neutral antagonist)	47.62
Rimonabant	5.36
Monlunabant	0.07

Non-competitive CB1 Inhibition: Differentiation of Nimacimab's Allosteric Modulation

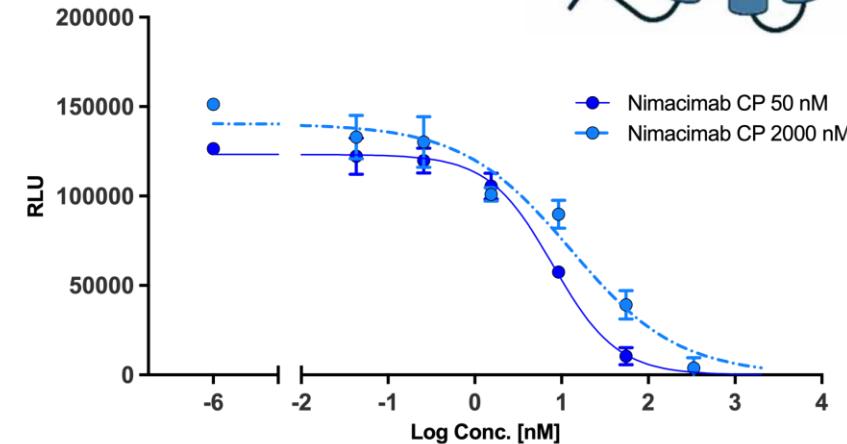
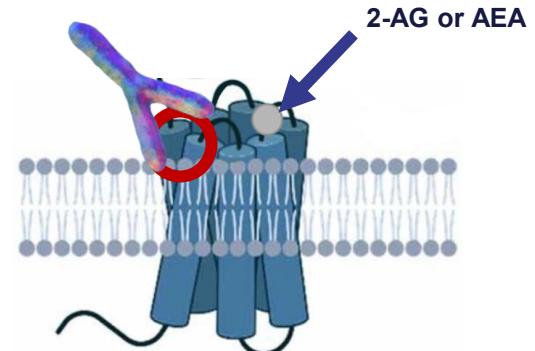
Monlunabant

Monlunabant **competes** with AEA/2-AG for binding to the orthosteric site



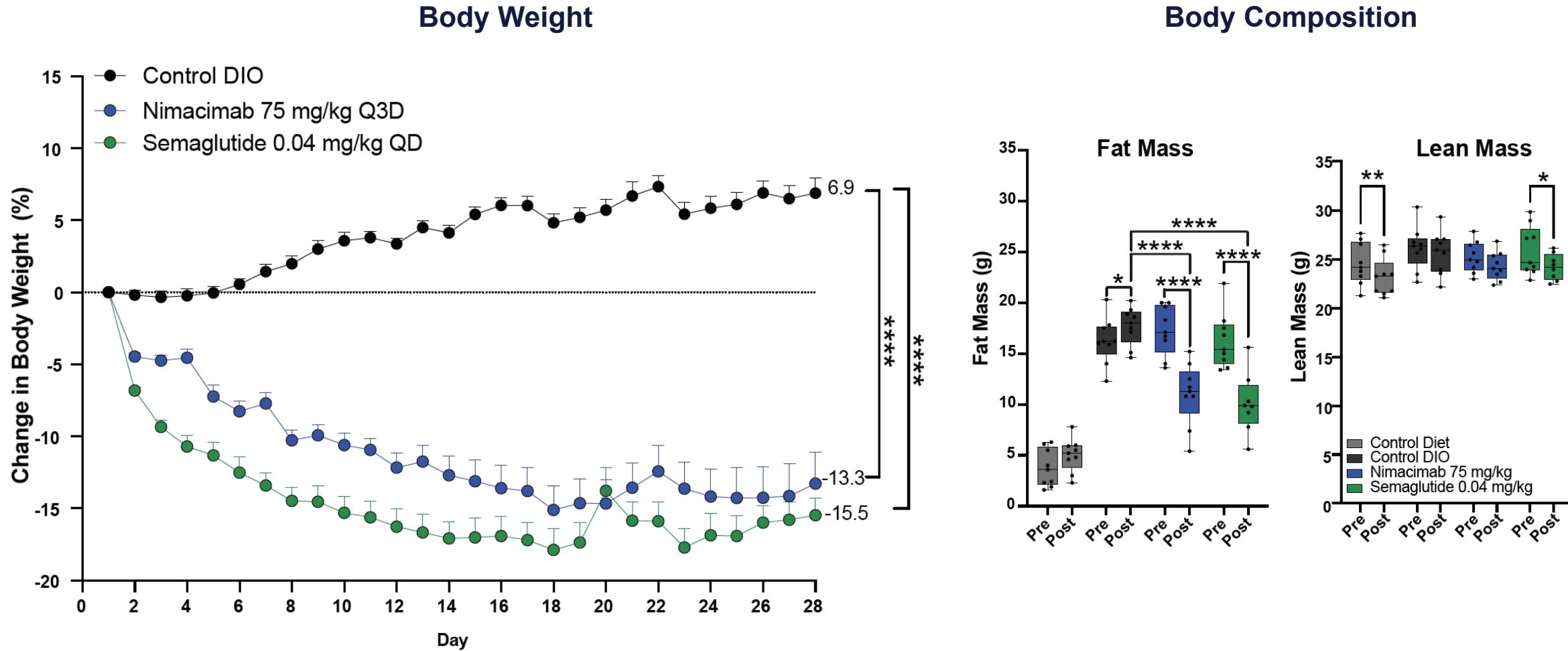
Nimacimab

Nimacimab **non-competitively** binds allosteric site; AEA/2-AG binds the orthosteric site



CB1 Inhibitor	Agonist: CP55940		Reduction in Fold Potency
Nimacimab IC_{50} (nM)	7.9	40x EC_{80} (2000 nM)	1.6
Monlunabant IC_{50} (nM)	0.2		107

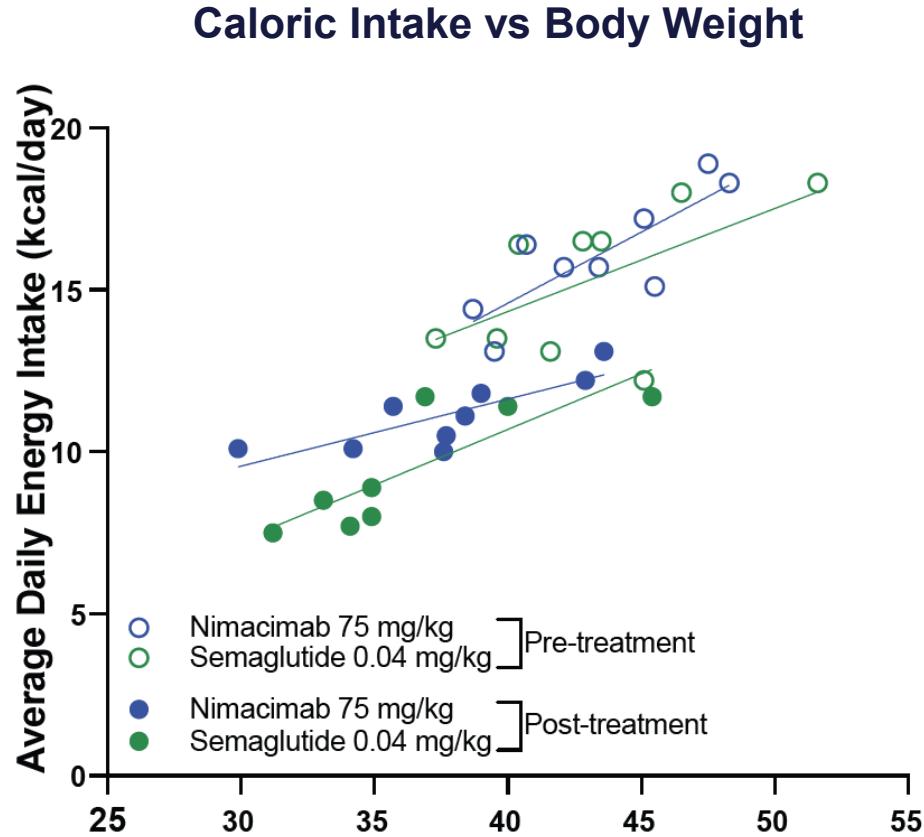
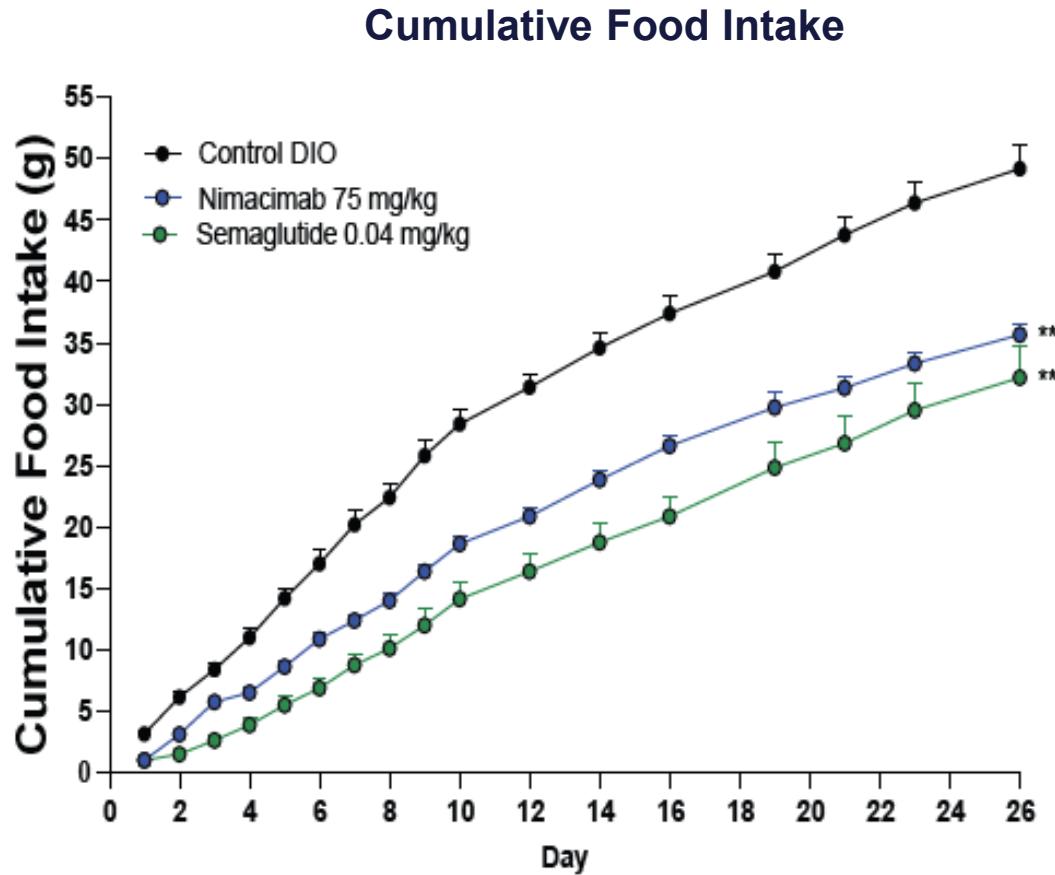
Repeat DIO Study with Independent Lab: Similar Weight Loss with Reduced Fat Mass



Body weight and composition analyses were performed with two-way ANOVA repeated measurements. Tukey multiple comparison test was then performed for all pairwise comparisons. Body weight reporting through 28 days of treatment. Body composition measured with echo MRI on day 26

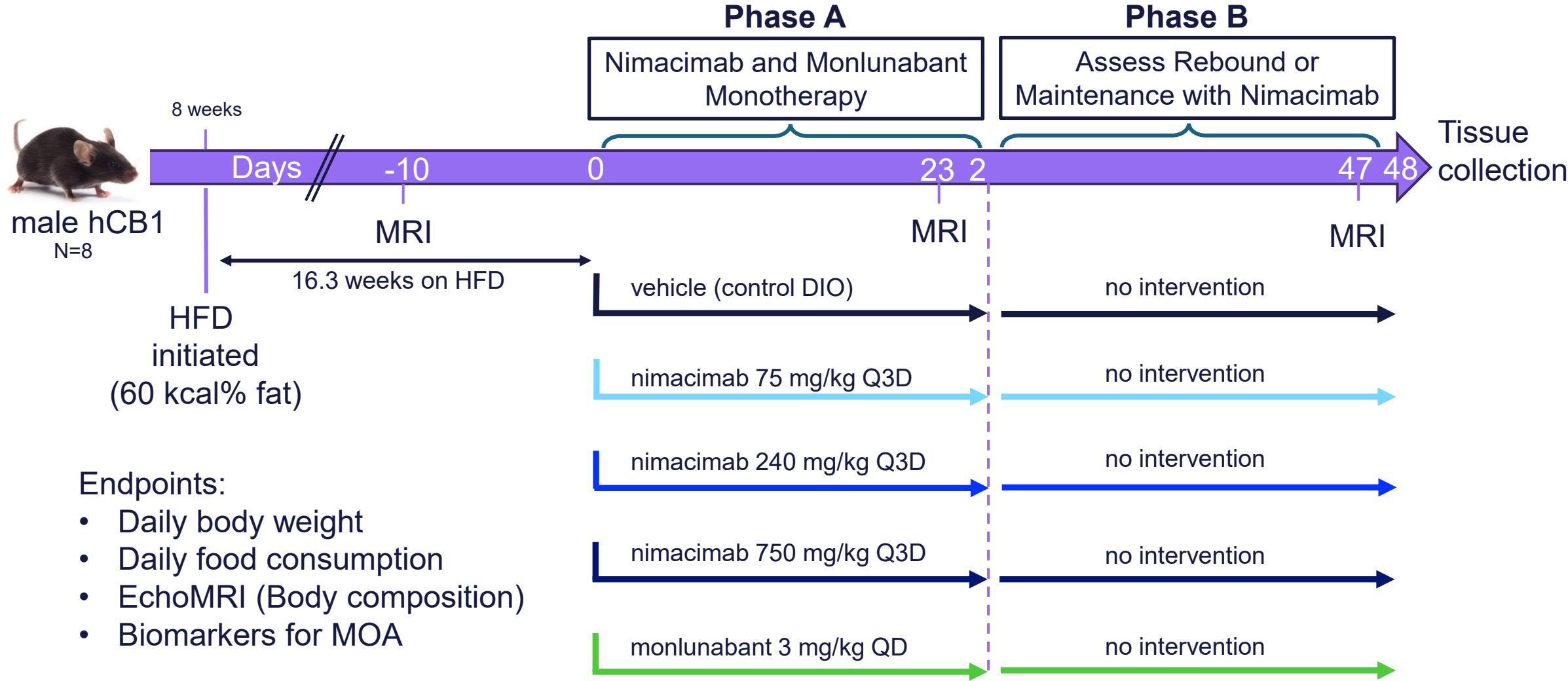
Nimacimab Led to Reduced Food Intake

Reduced caloric intake with nimacimab comparable to semaglutide – supporting centrally mediated appetite suppression without CNS penetration

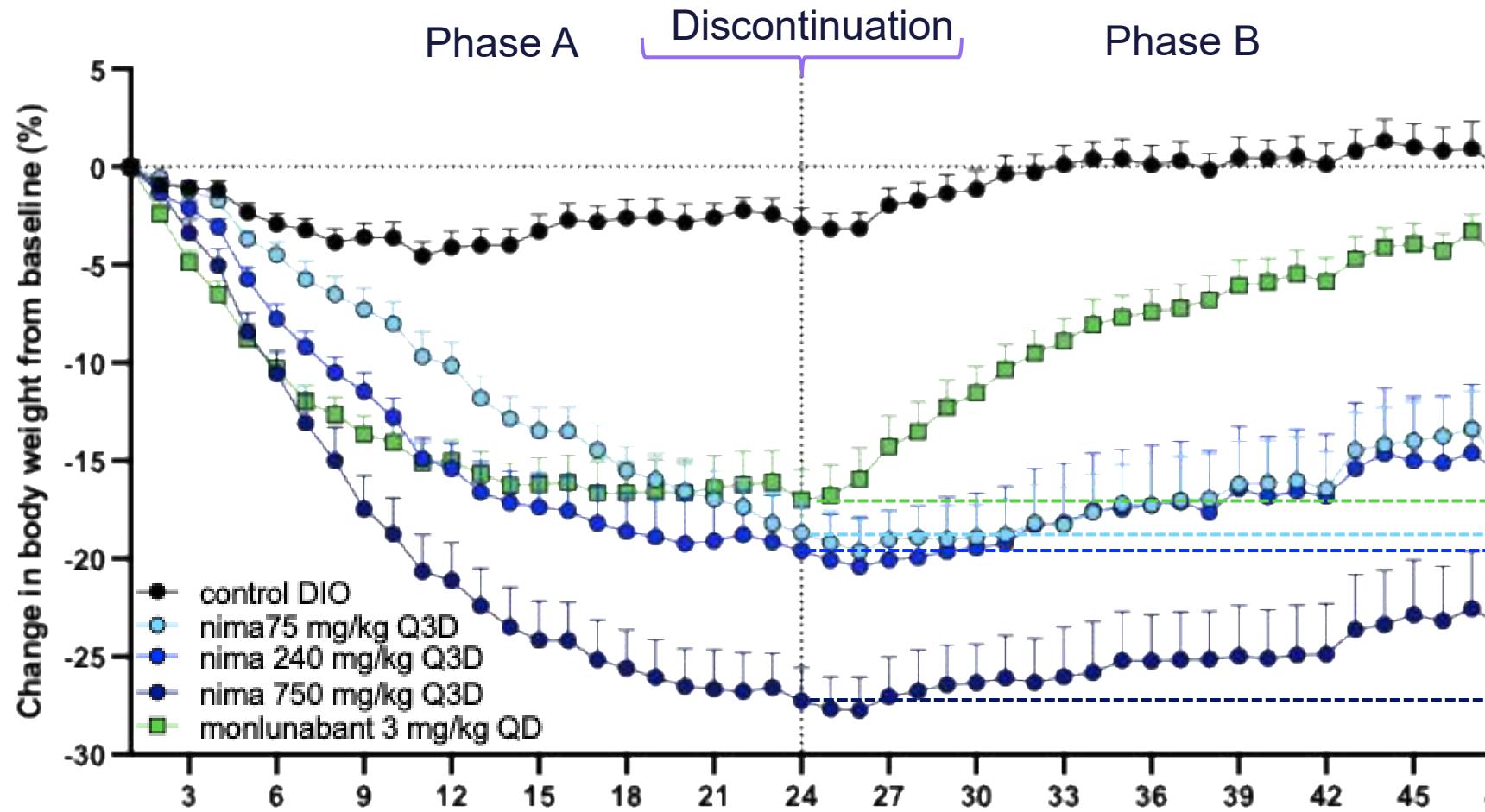


Mixed-effect analysis of cumulative food intake, followed by Tukey's multiple comparisons test. Cumulative food intake reporting at day 28 of treatment. The pre-treatment average daily energy intake was calculated from day -14 to day 0. The pre-treatment weight was measured on day 1 before dosing. The post-treatment average daily energy intake was calculated from day 1 to day 28 and weight was measured on day 28. * $p<0.05$, ** $p<0.01$

Study Design: Measuring Efficacy and Rebound Dynamics of Monlunabant and Nimacimab at Active Doses

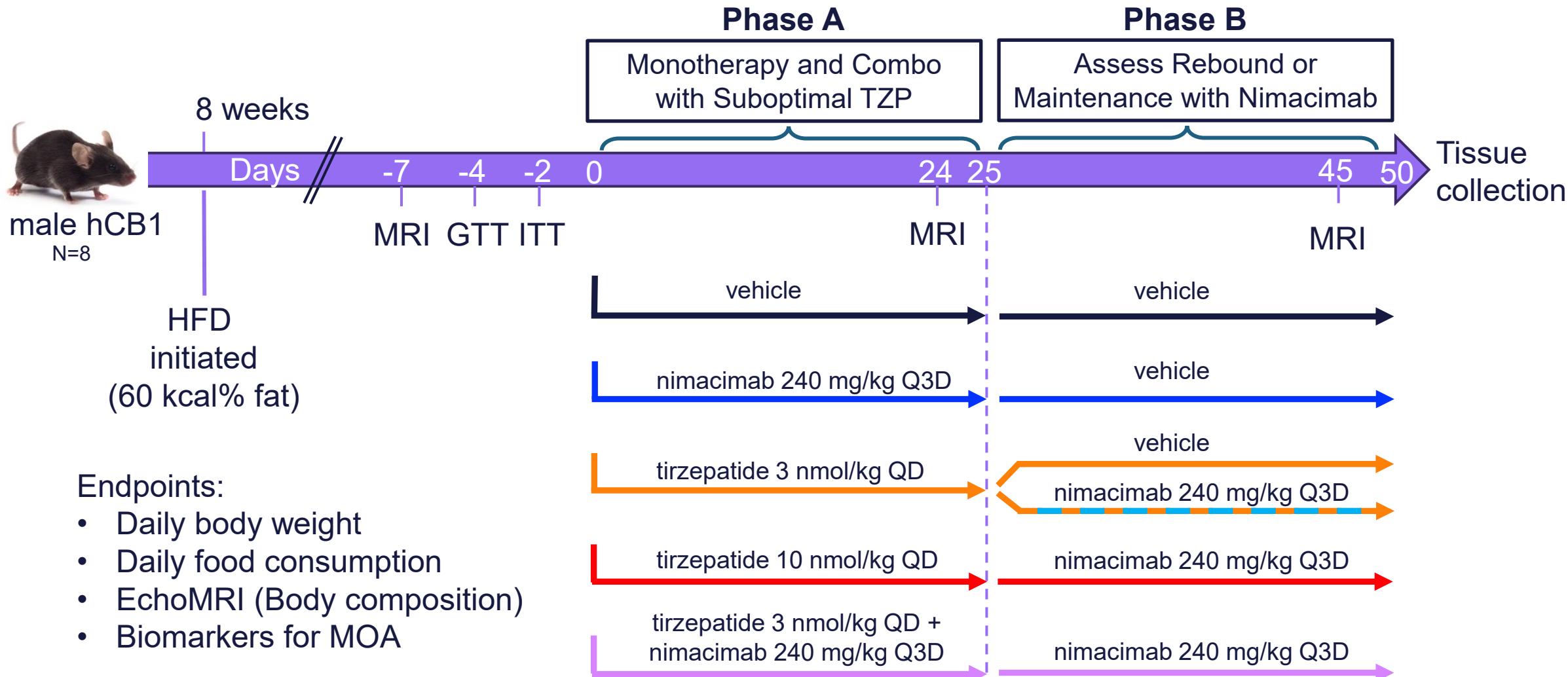


Nimacimab Drives Durable Weight Loss and Minimal Rebound Compared to Monlunabant Treatment

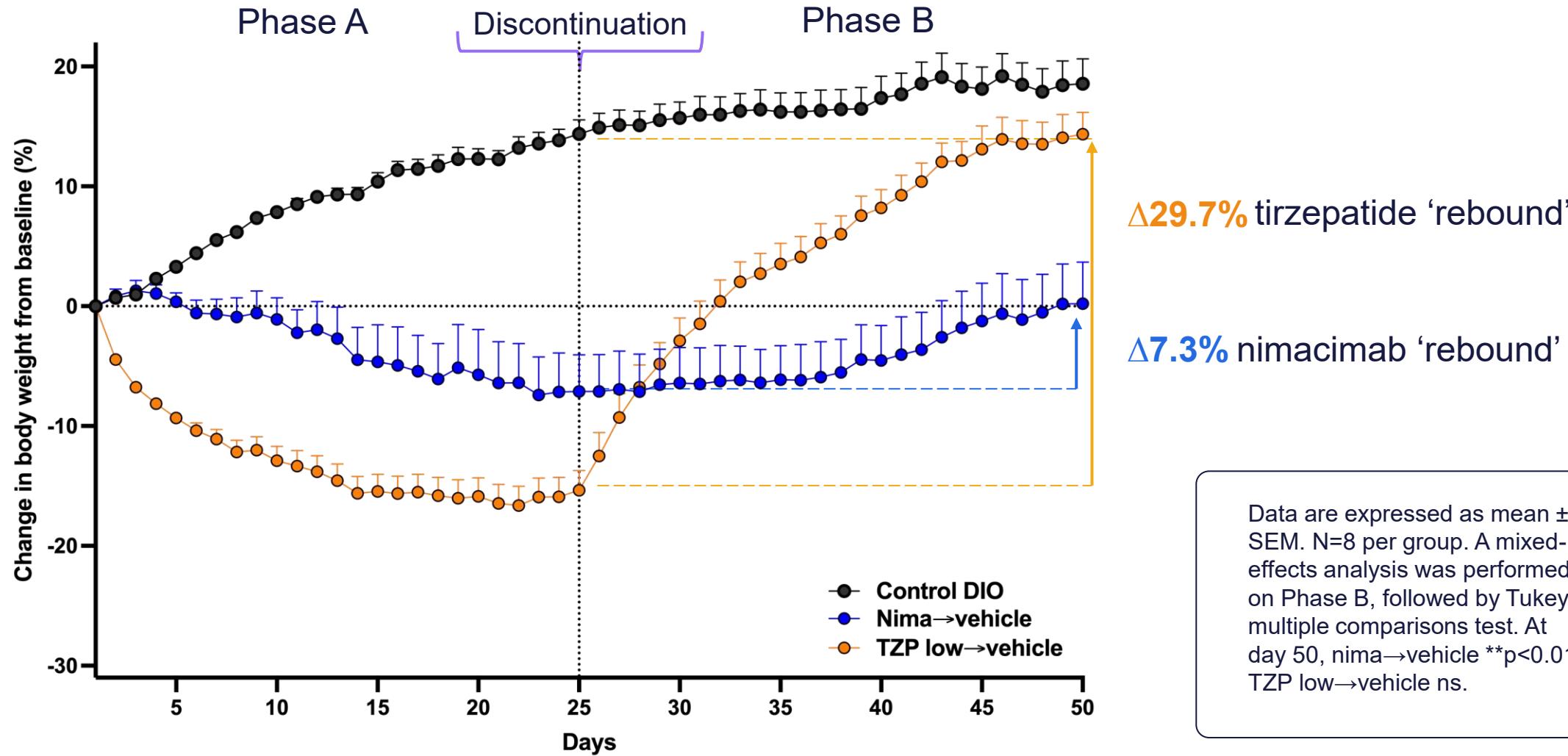


Data are expressed as mean \pm SEM. N=7-8 per group. At day 48, all nimacimab treated groups were significantly different to control DIO (nima 75, ***p<0.001, nima 240 *p<0.05, nima 750 ***p<0.001, monlunabant not significant).

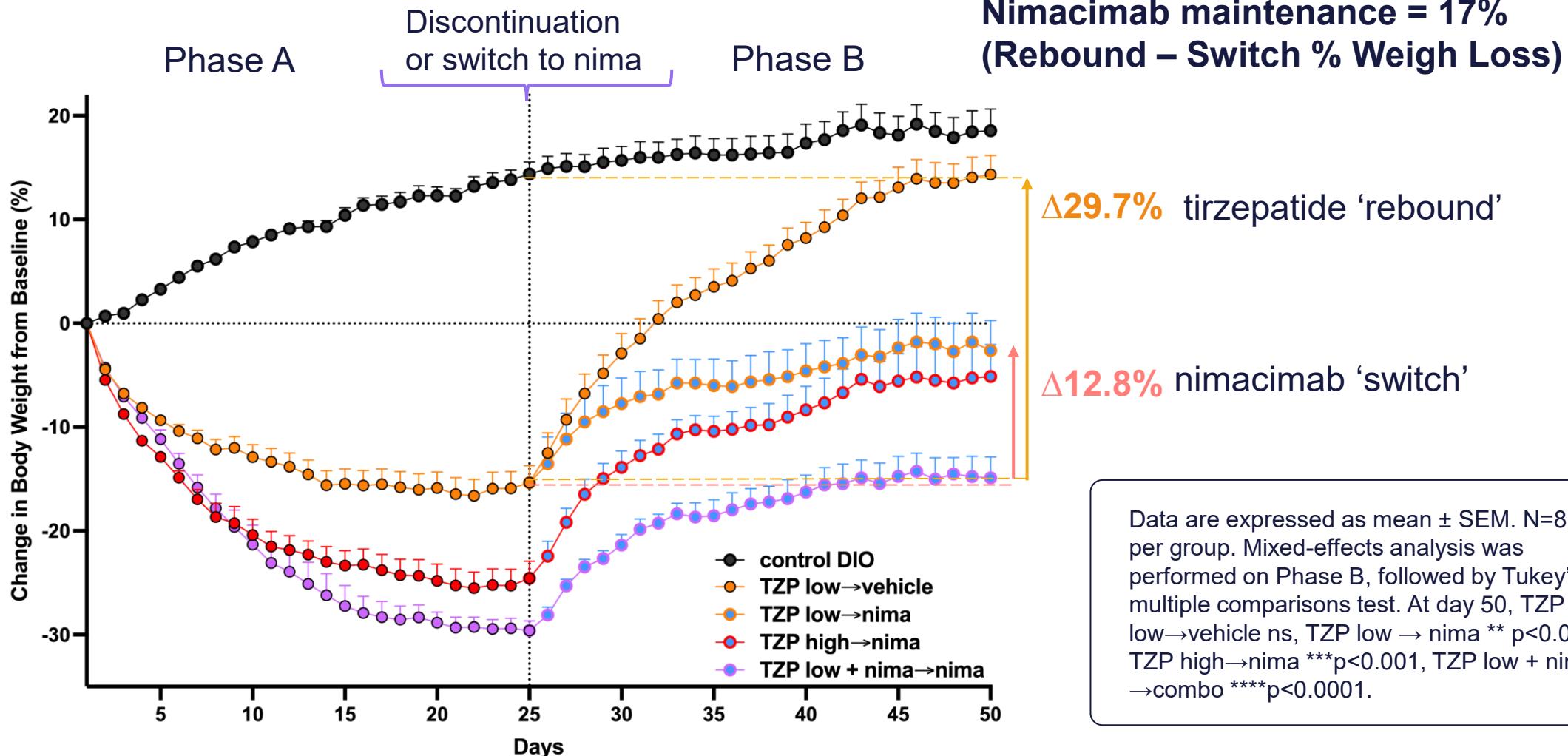
Study Design: Nima/TZP/Combo with Rebound/Maintenance #1



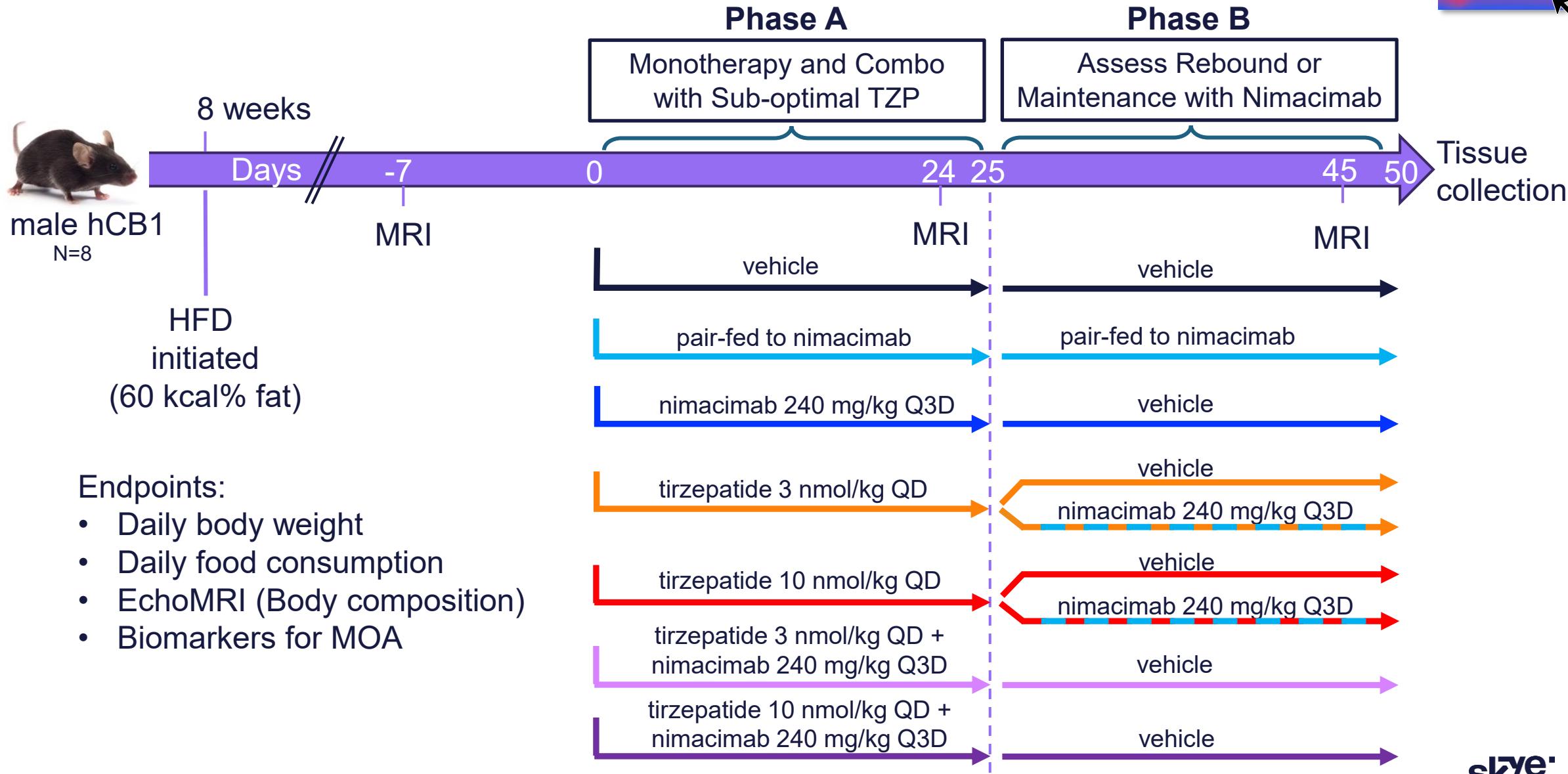
Nimacimab Drives Durable Weight Loss with Minimal Rebound Compared to Tirzepatide Treatment



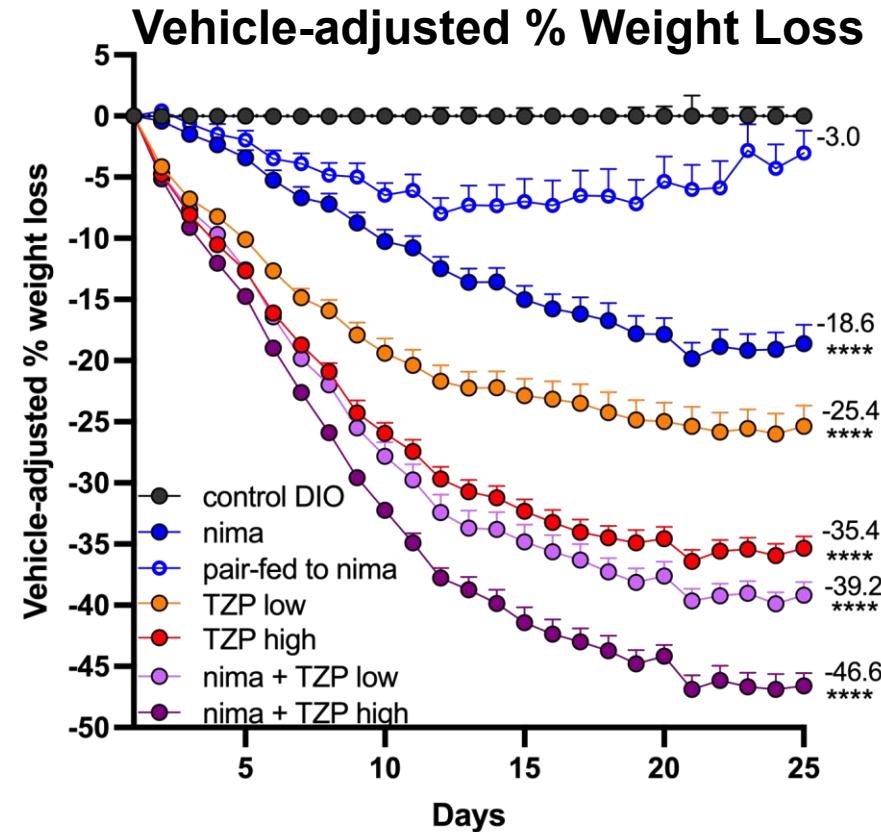
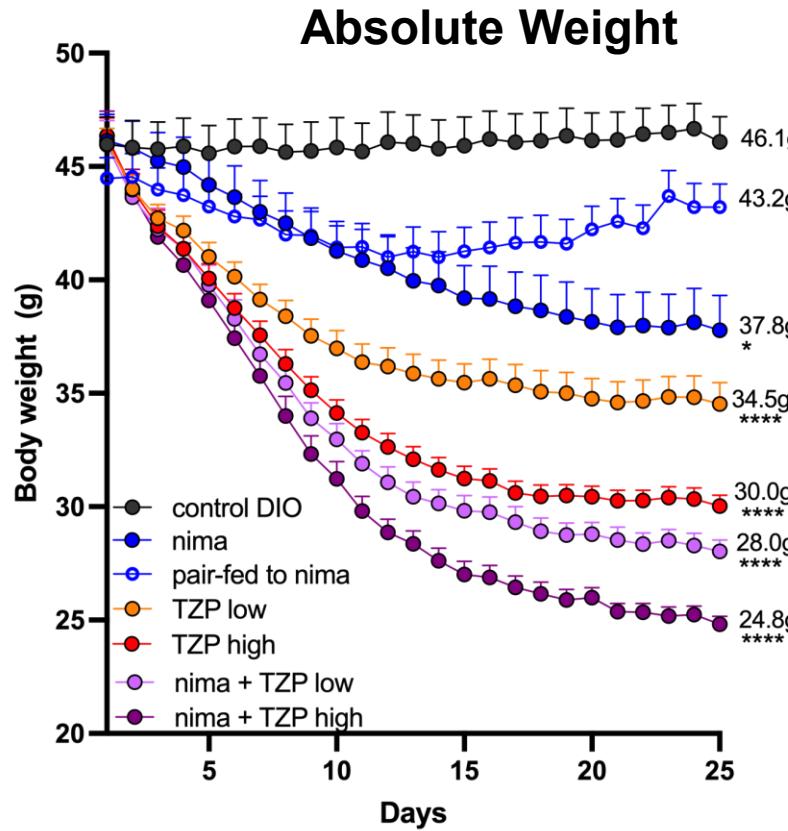
Switching to Nimacimab Treatment Limits Rebound and Shows Significant Potential as Maintenance Therapy



Study Design: Nima/TZP/Combo with Rebound/Maintenance #2

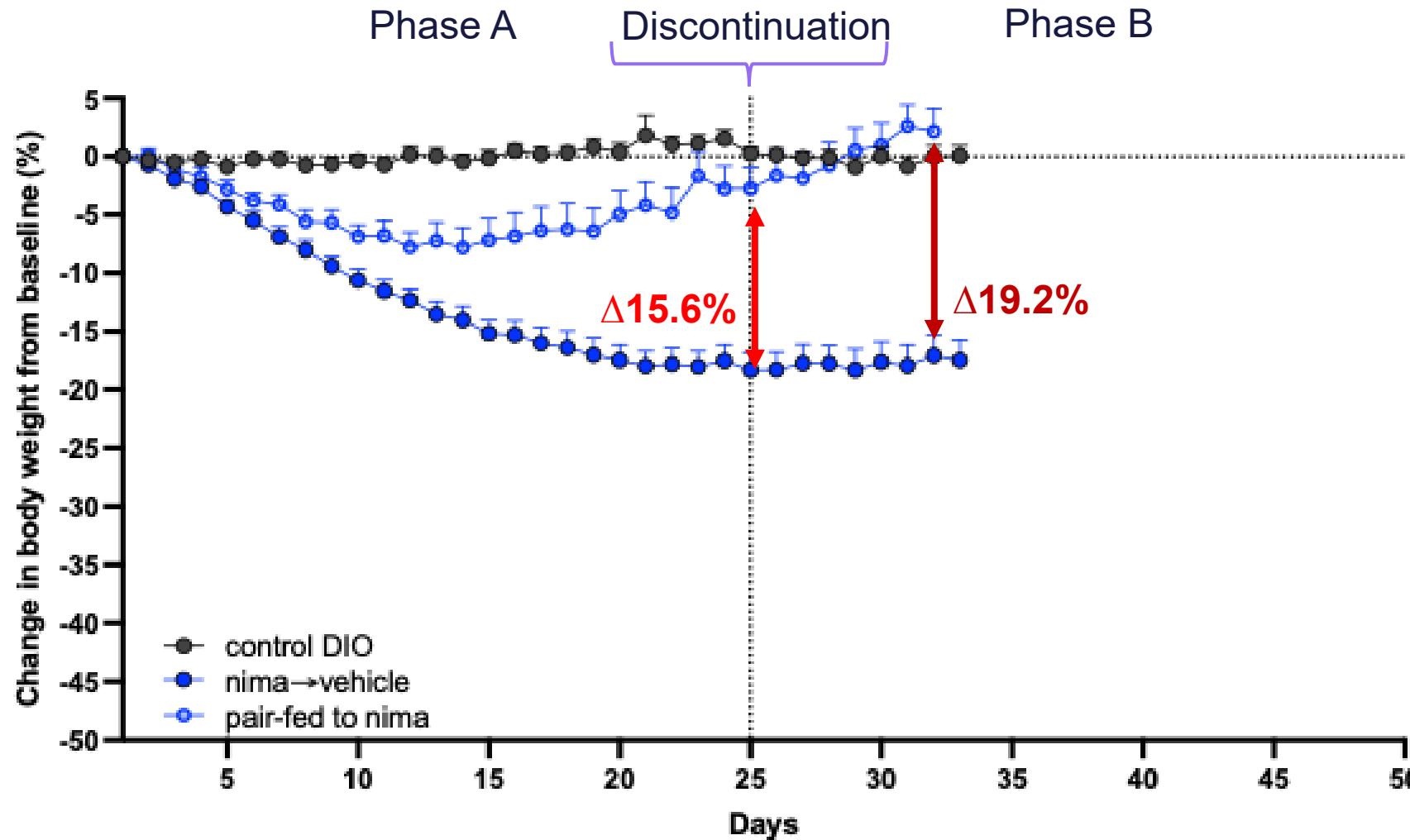


Nimacimab Enhances Weight Loss when Combined with both Low-Dose and High-Dose Tirzepatide



The daily average change in body weight from day 1 of treatment from the vehicle group was subtracted from the individual change in body weight per animal to calculate % change in body weight from baseline, vehicle adjusted. 2-way ANOVA, followed by Tukey's multiple comparisons test. *p<0.05, **p<0.01 ***p<0.001, ****p<0.0001. Reporting significance on day 25. Data are expressed as mean \pm SEM. N=8 per group. TZP combination therapies differ significantly from their respective monotherapy at high and low doses (p<0.0001).

Pair-fed Control Highlights that Nimacimab-Driven Weight Loss is not a Result of Caloric Deficit Alone



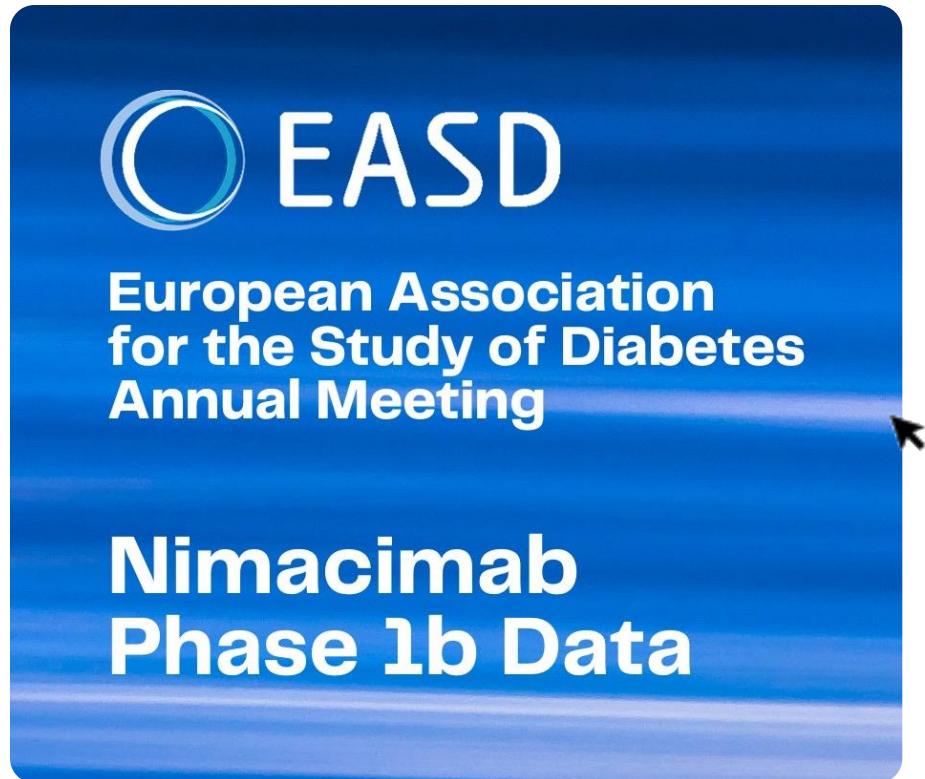
To determine how much of nimacimab-driven weight loss is due to reduced food intake, we performed a pair-feeding experiment.

Animals were randomized based on body weight and body composition and placed into individual housing for daily food intake measurements. Mice with comparable body weight in the pair-fed group had their calories restricted to match the daily calories consumed by the nimacimab group the day before.

Data are expressed as mean \pm SEM. N=8 per group. Mixed-effects analysis was performed on Phase B, followed by Tukey's multiple comparisons test. At day 32, pair-fed group ns, nima→vehicle ***p< 0.001 compared to control DIO.

Nimacimab Phase 1 Profile

Safety and tolerability outcomes supportive of distinctive, complementary role in therapeutic landscape



Oral category: "New medications on the horizon?"

Session: "A multiple dose study to evaluate the safety and tolerability of nimacimab, a peripherally-restricted, inhibitory CB1 receptor antibody in subjects with metabolic associated fatty liver disease (MAFLD)"

- ✓ **Safe, Well-tolerated**
 - No serious adverse events
 - No discontinuations due to adverse events
 - No evidence of neuropsychiatric safety signals
 - Gastrointestinal side effects were infrequent and mild
- ✓ **Predictable Pharmacokinetics**
- ✓ **Low immunogenicity** across multiple ascending dose cohorts.

Complementary, Not Competitive

CB1 impacts key metabolic pathways that complement existing products & strategies

KEY TARGETS / MECHANISMS						
Key Targets Characteristics	GLP-1 ¹	GIP ¹	Glucagon ¹	Amylin ²⁻⁴	Myostatin ⁵⁻⁷	CB1 ⁸⁻⁹
Decreases Appetite / Increases Satiety	✓	?(<i>limited</i>)	✗	✓	✗	✓
Delays Gastric Emptying	✓	✗	✓(<i>limited</i>)	✓	✗	✓(<i>limited</i>)
Stimulates Insulin Secretion	✓	✓	✓	✗	✗	✓(<i>limited</i>)
Insulin Sensitivity	✗	✗	✗	✓	✓	✓
Leptin Sensitivity	✗	✗	✗	✓	✓(<i>limited</i>)	✓
Lean Mass Preservation	✗	✗	✗	✗	✓	✓
GI Tolerability	✗	✗	✗	✗	?	✓
Key Safety Concerns	Nausea, vomiting, diarrhea	Nausea, vomiting, diarrhea	Increased heart rate, LFT, glucose	Nausea, vomiting, headache	Vascular side effects, erythema	Neuro-psychiatric symptoms ¹⁰
Other Notable Considerations	Reduces glucagon secretion	Perceived synergistic in CNS w/ GLP1	Metabolic benefits/ mimic exercise	Reduces glucagon secretion	GLP-1 combination regimen	Complements incretin backbone

Opportunities for Nimacimab

- ✓ Magnitude and sustainability of weight loss
- ✓ Improved safety/tolerability profile (e.g. limited GI side effects)
- ✓ No neuropsychiatric symptoms observed in clinical trials
- ✓ Potential for reduced frequency of drug administration
- ✓ Maintenance dose/setting beyond GLP-1 RA
- ✓ Combinability with other mechanisms/agents

Prescribers/patients/payers will consider differentiated product attributes based on individual needs

Nimacimab's Differentiation

Differentiated Receptor Engagement

Allosteric modulation leads to non-competitive inhibition and superior potency in disease states.



Superior Exclusion from the Brain

As an antibody, nimacimab has little to no penetration into the brain, resulting in improved safety compared to current small molecule CB1 inhibitors.



Clinical and Preclinical Validation

CB1 inhibition for weight loss has been validated in multiple preclinical studies, as well as large Phase 2 and 3 studies.

