

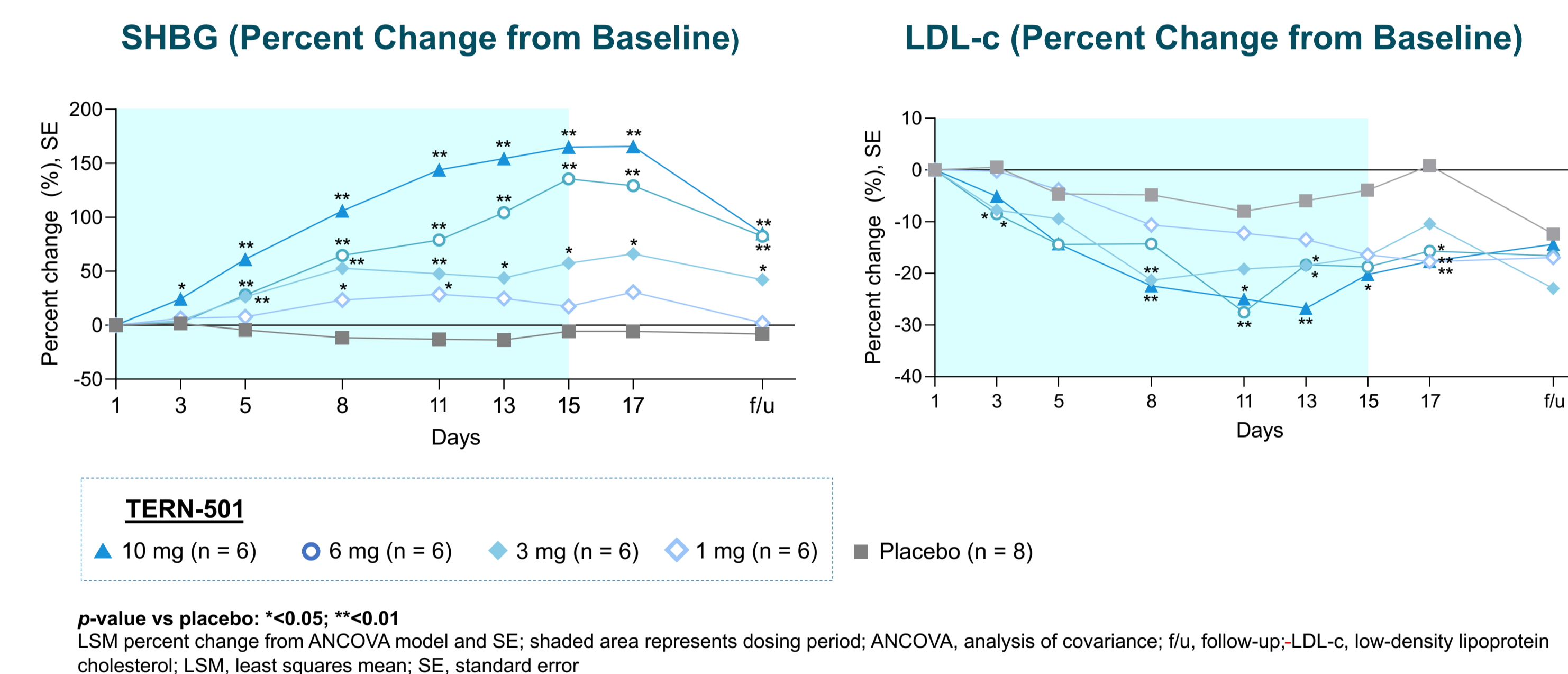


1 BACKGROUND

TERN-501

- TERN-501 is a potent, highly selective THR-β agonist
- In a first-in-human (FIH) study¹, once daily dosing of TERN-501 at 1, 3, 6, and 10 mg for 14 days was overall safe and well-tolerated:
- No clinical signs or symptoms consistent with hypo/hyperthyroidism or THR-α agonism and no dose limiting stopping criteria met
- Nonvariable, dose proportional TERN-501 PK was observed from 1 mg to 6 mg with overlapping PK at 6 mg and 10 mg
- Significant increases in sex hormone binding globulin (SHBG) were dose proportional between 1 and 6 mg with less than dose proportional SHBG increases between 6 and 10 mg (Figure 1)^{1,2}
- TERN-501 resulted in atherogenic lipid decreases (Figure 1)^{1,2}

Figure 1: 14-day Once Daily Administration of TERN-501 Led to Significant Increases in SHBG and Decreases in LDL-c¹

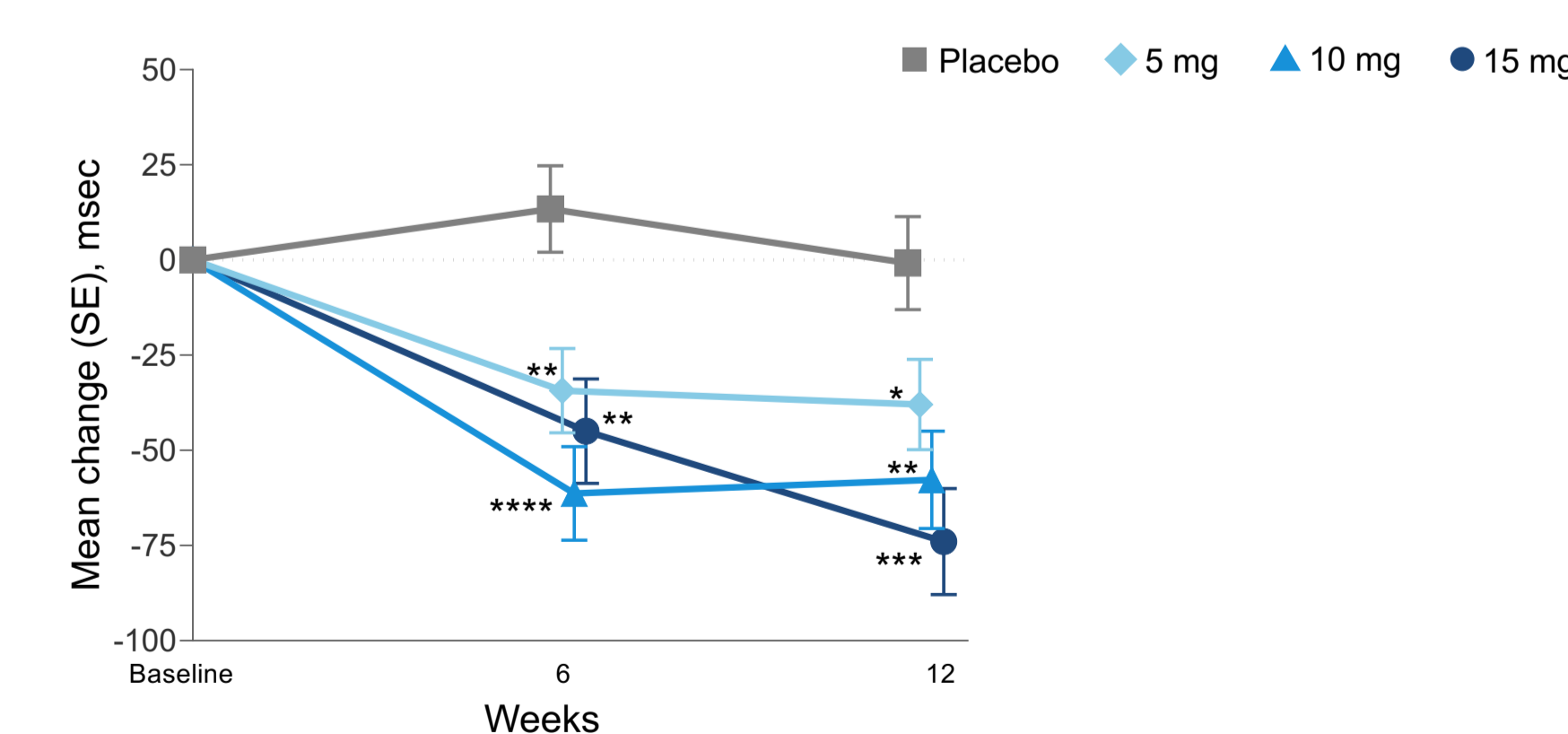


TERN-101

- TERN-101 is a potent, nonsteroidal FXR agonist with enhanced liver distribution
- TERN-101 was overall safe and well-tolerated in a phase 2a study with no discontinuations due to AEs including pruritus or treatment-related SAEs
- No differences from placebo in LDL-c and HDL-c percentage change from baseline to Week 12 were observed at 5 and 10 mg
- Significant decreases in cT1 as early as Week 6 and through Week 12 suggest that TERN-101 decreases fibro-inflammation (Figure 2)³

Figure 2: TERN-101 LIFT Study cT1 Results: 12-Week Phase 2a Study in NASH Patients³

cT1 Mean (SE) Change from Baseline [msec]



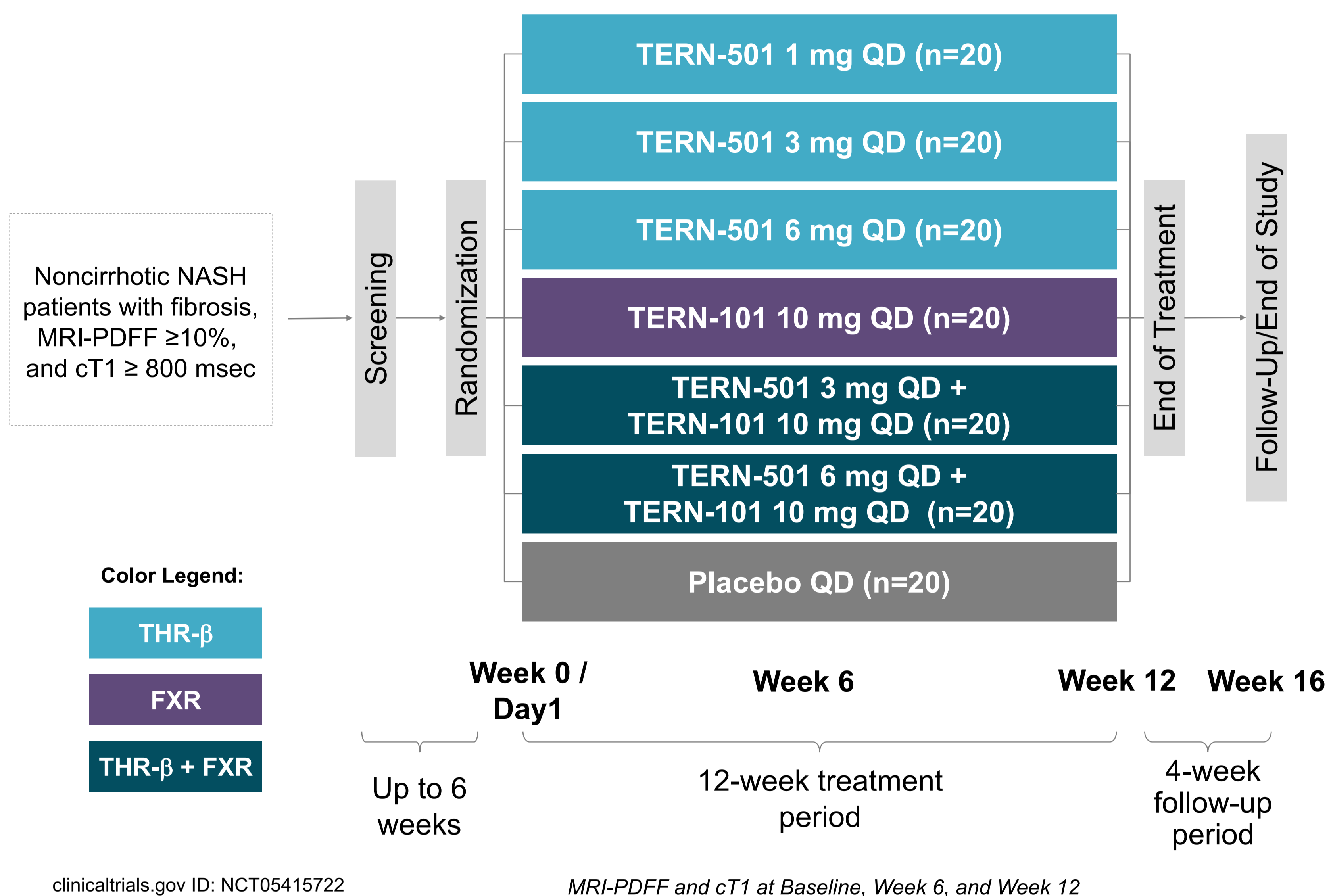
DUET Study Rationale

- DUET is the first NASH trial evaluating a THR-β agonist and an FXR agonist Combination
- Combining TERN-501 and TERN-101 with their complementary mechanisms of action may produce greater efficacy over either agent alone, as demonstrated in a NASH mouse model (a mouse diet-induced obese + CCl₄ NASH model following 28-day treatment)⁴, and warrants investigation in NASH patients.

2 DUET – STUDY DESIGN

Figure 3: DUET Study Schema - First NASH trial Evaluating a THR-β agonist and an FXR agonist Combination

Randomized, Double-Blind, Placebo-Controlled, Factorial Design, Phase 2a Study (N~140)



- This study is a 12-week, phase 2a, randomized, double-blind, placebo-controlled, multicenter trial
- Approximately 140 noncirrhotic patients with presumed NASH as determined based on prior liver biopsy and/or imaging and clinical criteria will be randomized into one of the 7 treatment groups (Figure 3)
- Factorial design evaluates TERN-501 and TERN-101 as monotherapies and in combination with each other with a placebo comparator arm
- Efficacy will be assessed based on noninvasive biomarkers including MRI-PDFF and cT1

3 DUET – STUDY OBJECTIVES

Primary objective

- To evaluate the effect of TERN-501 monotherapy on liver fat content as assessed by MRI-PDFF compared to placebo

Secondary objectives

- To evaluate the effect of TERN-501 monotherapy on cT1 relaxation time compared to placebo
- To evaluate the effect of TERN-501+TERN-101 on liver fat content as assessed by MRI-PDFF and on cT1 relaxation time compared to placebo

4 ELIGIBILITY CRITERIA

Key Inclusion Criteria

- ✓ Male or female, 18 to 75 years of age on the day of consent
- ✓ Overweight or obese with a body mass index (BMI) ≥ 25 kg/m²
- ✓ Presumed NASH diagnosed by prior biopsy and/or imaging criteria

Key Exclusion Criteria

- ✓ History or clinical evidence of chronic liver diseases other than NAFLD
- ✓ History or known clinical evidence of cirrhosis, esophageal varices, hepatic decompensation or other severe liver impairment
- ✓ History of liver transplant, or current placement on a liver transplant list
- ✓ Current diagnosis or history of pituitary or thyroid disorders - except for patients with primary hypothyroidism on a stable dose of thyroid hormone replacement therapy
- ✓ Abnormal TSH or free T4 levels
- ✓ Weight loss of > 5% total body weight within 3 months prior to Screening
- ✓ Uncontrolled diabetes or hyperlipidemia; unstable cardiovascular disease
- ✓ Excessive alcohol consumption

Enrollment is underway with data expected in the 2nd half of 2023

5 REFERENCES

- 1) Nelson C, et al. Oral presentation at EASL International Liver Congress. Jun 22-26, 2022. Abstract OS123
- 2) Jones C, et al. Poster presented at AASLD The Liver Meeting. Nov 12-15, 2021. Poster 1889
- 3) Loomba R, et al. AASLD 2021 Oral Presentation
- 4) Jones C, et al. Poster presented at AASLD The Liver Meeting. Nov 13-16, 2020. Poster 0517

6 ACKNOWLEDGEMENTS

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