

# **VTX958 Phase 2 Plaque Psoriasis Results**

November 6, 2023



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# Introduction

**Raju Mohan, Ph.D.**

Founder and Chief Executive Officer



# Phase 2 Plaque Psoriasis Trial

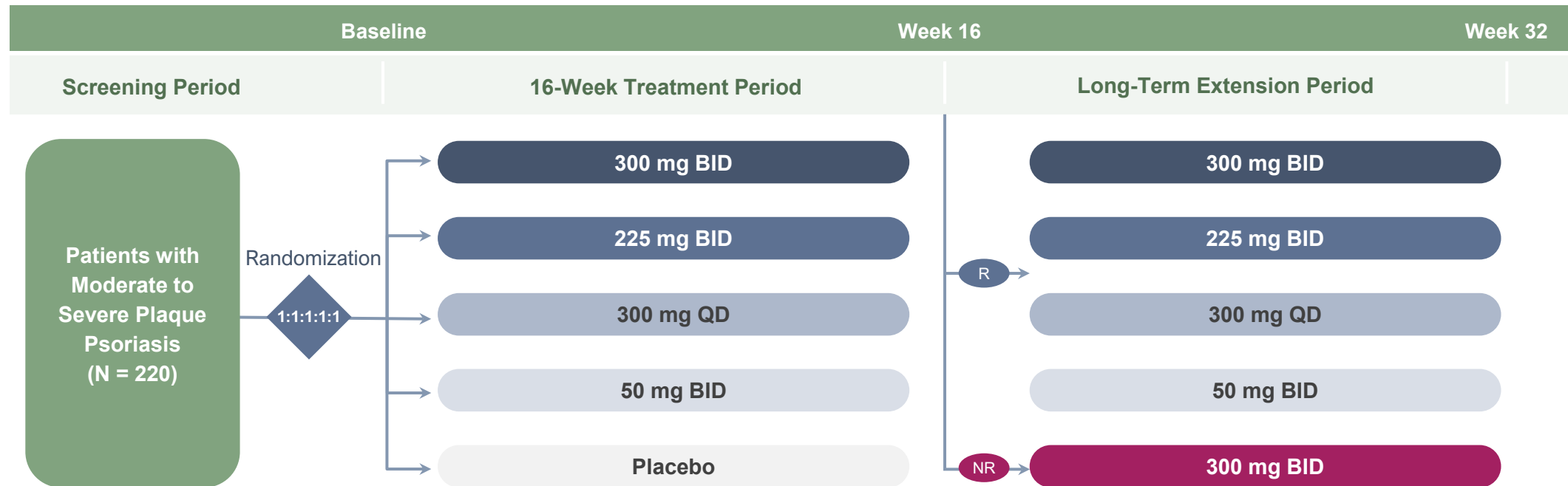
## Trial Design Overview

### Key eligibility criteria:

- Adult participants with moderate to severe plaque psoriasis as defined by PASI score  $\geq 12$ , sPGA score  $\geq 3$  and BSA  $\geq 10\%$ .
- History of plaque psoriasis for  $\geq 6$  months and deemed eligible by investigator for phototherapy or systemic therapy.

### Endpoints:

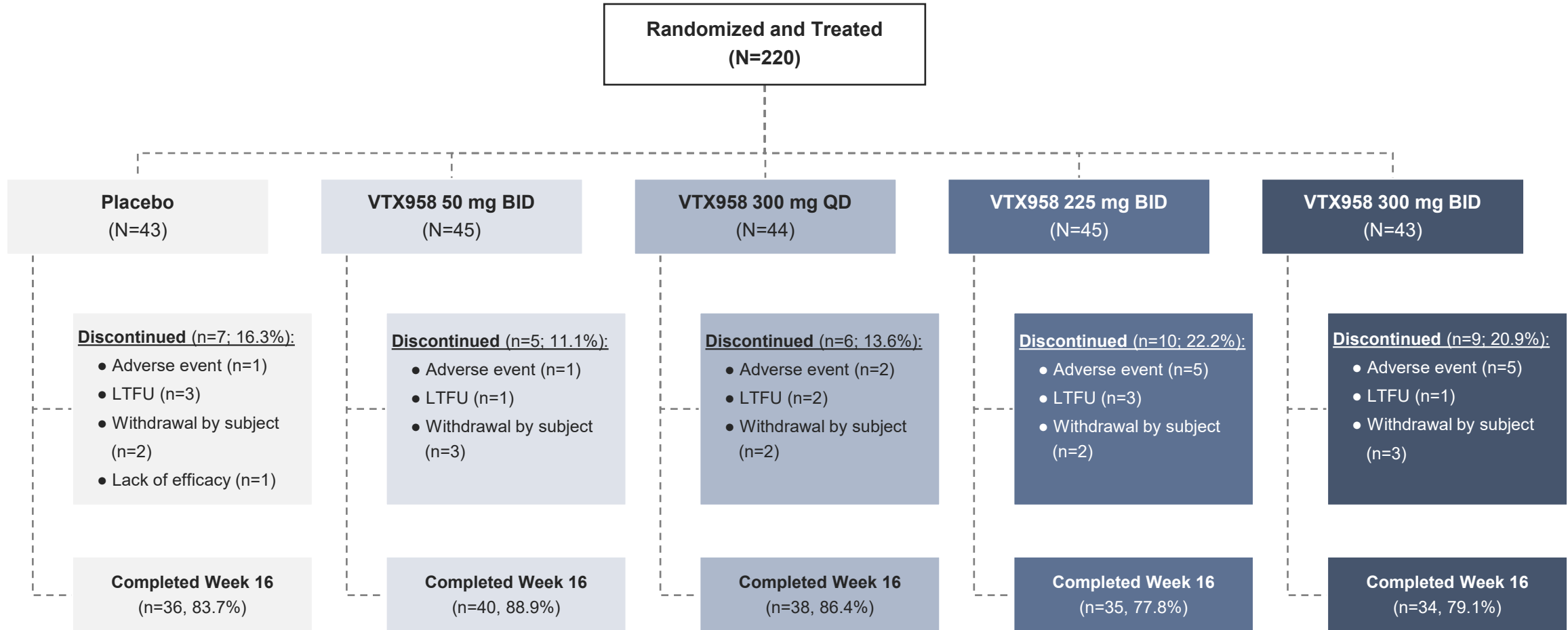
- **Primary Endpoint:** Proportion of participants achieving PASI 75 at Week 16.
- **Secondary Endpoints:** Proportion achieving PASI 90, PASI 100, sPGA 0/1. Change from baseline in PASI, DLQI, BSA.



# Baseline Demographics and Disease Characteristics

	Placebo (N=43)	VTX958 50 mg BID (N=45)	VTX958 300 mg QD (N=44)	VTX958 225 mg BID (N=45)	VTX958 300 mg BID (N=43)
<b>Age, years, mean (SD)</b>	44.2 (13.1)	45.7 (13.1)	46.2 (12.7)	45.0 (14.5)	43.5 (13.8)
<b>Male, n (%)</b>	28 (65.1%)	28 (62.2%)	30 (68.2%)	32 (71.1%)	29 (67.4%)
<b>Race, n (%)</b>					
White	33 (76.7%)	40 (88.9%)	38 (86.4%)	41 (91.1%)	39 (90.7%)
Asian	2 (4.7%)	4 (8.9%)	3 (6.8%)	1 (2.2%)	2 (4.7%)
Black/African American	6 (14.0%)	1 (2.2%)	2 (4.5%)	3 (6.7%)	2 (4.7%)
Other	2 (4.7%)	0	1 (2.3%)	0	0
<b>Weight, kg, mean (SD)</b>	90.4 (20.6)	89.0 (17.7)	87.3 (18.8)	86.7 (13.9)	89.2 (17.8)
<b>BMI, kg/m<sup>2</sup>, mean (SD)</b>	30.4 (5.7)	30.3 (5.0)	29.1 (5.8)	29.1 (4.6)	29.7 (5.5)
<b>Duration of psoriasis, years, mean (SD)</b>	17.2 (12.9)	17.4 (12.2)	16.1 (11.6)	17.2 (11.7)	18.4 (13.8)
<b>PASI score, mean (SD)</b>	17.6 (6.6)	18.6 (6.2)	17.9 (5.7)	17.7 (6.4)	18.0 (7.1)
<b>BSA, mean (SD)</b>	20.7 (13.3)	21.2 (11.8)	21.1 (10.8)	21.1 (13.9)	21.0 (10.8)
<b>sPGA score, mean (SD)</b>	3.3 (0.4)	3.2 (0.4)	3.2 (0.4)	3.2 (0.4)	3.2 (0.4)
3 (moderate), n (%)	32 (74.4)	34 (75.6)	37 (84.1)	35 (77.8)	33 (76.7)
4 (severe), n (%)	11 (25.6)	11 (24.4)	7 (15.9)	10 (22.2)	10 (23.3)
<b>DLQI score, mean (SD)</b>	13.3 (8.2)	12.8 (6.9)	12.3 (7.0)	11.9 (7.3)	10.9 (6.0)
<b>Prior use of biologic therapy, n (%)</b>	14 (32.6%)	15 (33.3%)	15 (34.1%)	15 (33.3%)	15 (34.9%)

# Participant Disposition

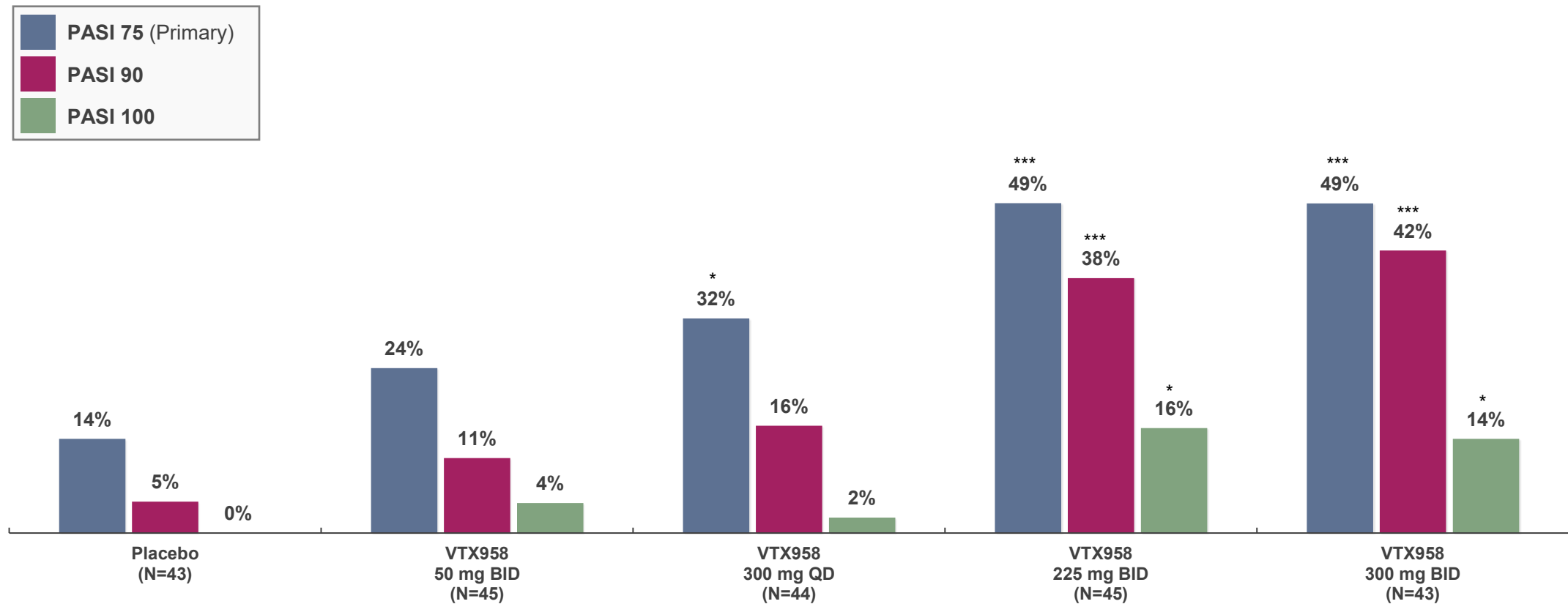


# Proportion of Participants Achieving PASI 75, 90, and 100

## Primary and Secondary Endpoints at Week 16

### Proportion of Participants Achieving PASI Score at Week 16

Full Analysis Set with Non-Responder Imputation (N=220)



\*p<0.05; \*\*p<0.005; \*\*\*p<0.001.

P values from Cochran-Mantel-Haenszel test, using prior biologic treatment as a stratification factor.

PASI: Psoriasis Area and Severity Index; BID: twice daily; QD: once daily. Full analysis set with non-responder imputation. Source: Ventyx data on file.

# Safety Summary

## Summary of Adverse Events through Week 16

Treatment Emergent Adverse Events (TEAE)	Placebo (N=43)	VTX958 50 mg BID (N=45)	VTX958 300 mg QD (N=44)	VTX958 225 mg BID (N=45)	VTX958 300 mg BID (N=43)
<b>Subject with any adverse event, n (%)</b>	<b>18 (42%)</b>	<b>17 (38%)</b>	<b>20 (46%)</b>	<b>28 (62%)</b>	<b>25 (58%)</b>
Adverse event related to study drug, n (%)	3 (7%)	5 (11%)	7 (16%)	10 (22%)	10 (23%)
AE leading to study discontinuation, n (%)	1 (2%)	1 (2%)	3 (7%)	5 (11%)	5 (12%)
Any Serious Adverse Event (SAE), n (%)*	1 (2%)	1 (2%)	1 (2%)	0	1 (2%)
SAE related to study drug, n (%)	0	0	0	0	0
<b>Most frequent adverse events, n (%)<sup>†</sup></b>					
Upper respiratory tract infection	1 (2%)	1 (2%)	3 (7%)	3 (7%)	5 (12%)
Nausea	0	3 (7%)	0	1 (2%)	2 (5%)
Acne	0	0	0	3 (7%)	1 (2%)

\*Subjects with SAEs: Myocardial infarction (placebo, unrelated to study drug); vomiting (50 mg BID, unrelated); malignant neoplasm of the ascending colon (300 mg QD, unrelated); acute appendicitis (300 mg BID, unrelated).

<sup>†</sup> Includes treatment emergent adverse events reported by ≥ 3 participants in any treatment arm, excluding events elicited by laboratory testing.



# Safety Summary

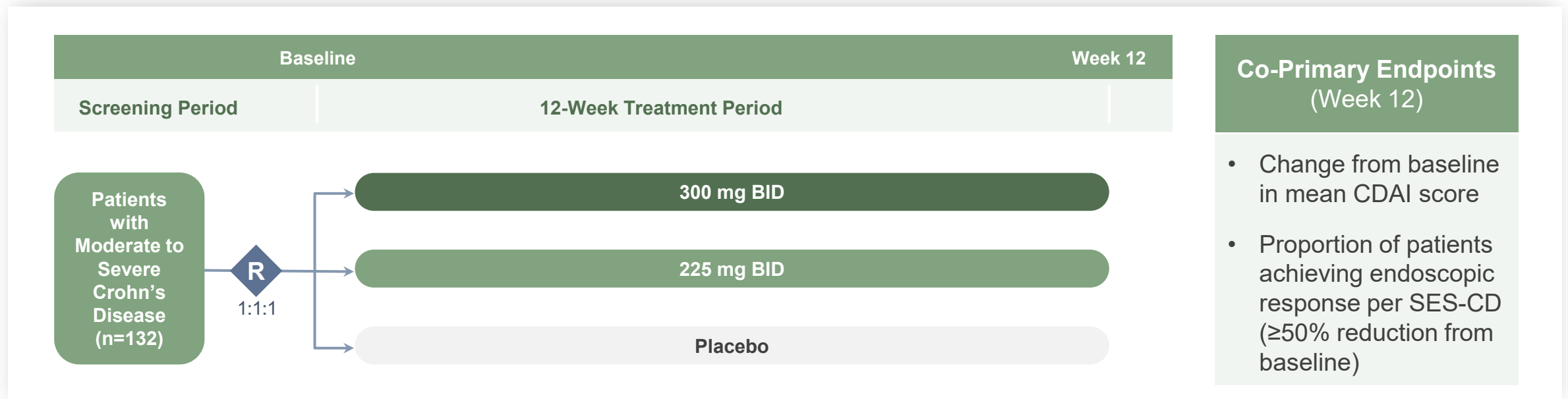
## Treatment Emergent Laboratory Shifts with CTCAE Grade $\geq 3$

Treatment Emergent Laboratory Shifts with CTCAE Grade $\geq 3$	Placebo (N=43)	VTX958 50 mg BID (N=45)	VTX958 300 mg QD (N=44)	VTX958 225 mg BID (N=45)	VTX958 300 mg BID (N=43)
Anemia	0	0	0	0	0
Lymphopenia	0	0	0	0	0
Neutropenia	0	0	0	0	0
Thrombocytopenia	0	0	0	0	0
INR increased	0	0	0	0	0
Alanine aminotransferase elevation	0	0	1 (2%)	1 (2%)	2 (5%)
Alkaline phosphatase elevation	0	0	0	0	0
Aspartate aminotransferase elevation	0	0	1 (2%)	0	1 (2%)
Bilirubin elevation	0	0	0	0	0
Gamma-glutamyltransferase elevation	0	0	0	1 (2%)	2 (5%)
Creatine phosphokinase elevation	3 (7%)	1 (2%)	1 (2%)	2 (5%)	1 (2%)
Creatinine elevation	0	0	0	0	0
Cholesterol elevation	0	0	0	0	0
Triglyceride elevation	3 (7%)	1 (2%)	0	3 (7%)	1 (2%)

# VTX958 Program Status and Next Steps

## Crohn's Trial to Proceed to Interim Analysis in Q1 2024

- **Phase 2 plaque psoriasis and psoriatic arthritis trials to be terminated**
  - Trial results in PsO do not meet threshold for advancement into Phase 3
- **Phase 2 trial in Crohn's disease to continue with interim efficacy analysis in Q1 2024**
  - Addition of interim analysis to efficiently identify efficacy signal and support go-forward decision

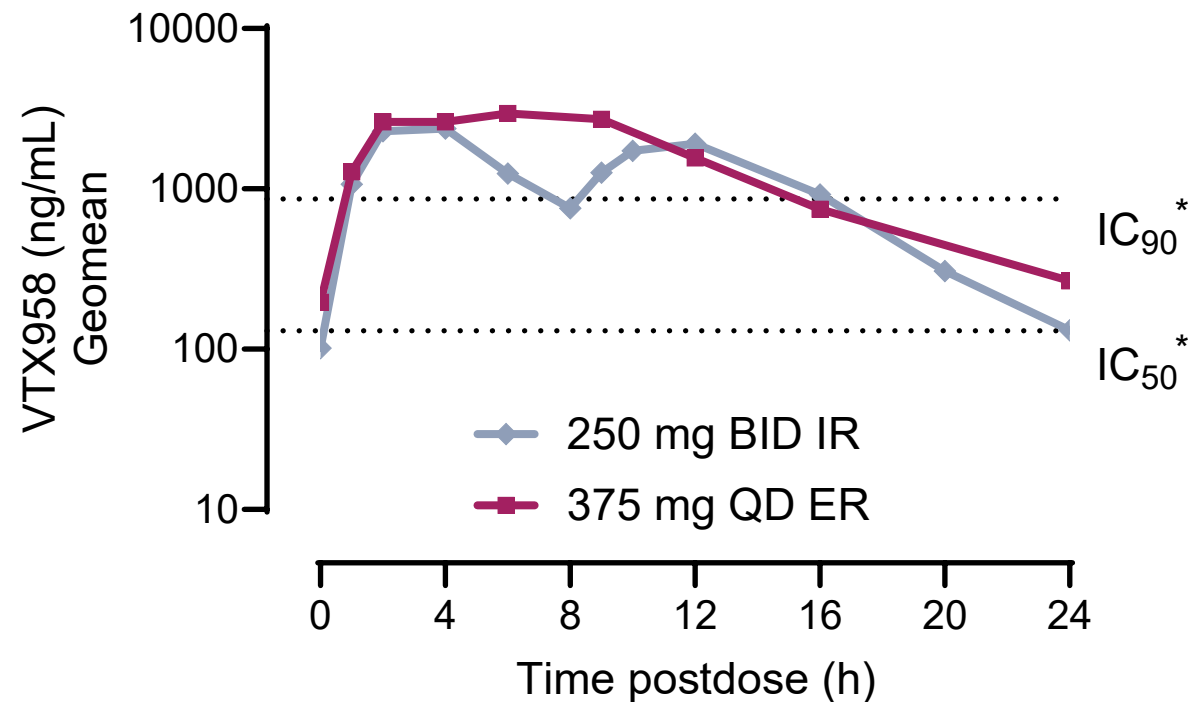


# Extended-Release Formulation Update

## Once-Daily Formulation Achieved with Target Release Profile

### ➤ Target profile achieved with extended-release (ER) formulation:

- QD dose with ER formulation approximates BID exposures observed with immediate release (IR) tablets
- IC<sub>90</sub> coverage achieved with 375 mg QD dose for the majority of the day
- ER formulation allows for lower total dose than IR tablets, with reduction in C<sub>max</sub> and variability (as %CV)



# Broad Pipeline of Small Molecule Candidates

Addressing Established Inflammatory and Immunology Markets with a Wholly Owned Product Portfolio

Target	Program	Preclinical	Phase 1	Phase 2	Phase 3	Next Anticipated Milestones
<b>TYK2</b>	VTX958					Phase 2 CD interim analysis <b>Q1 2024</b>
<b>S1P1R</b>	VTX002					Phase 2 UC OLE update <b>Q1 2024</b> Initiate Phase 3 trial <b>2024</b>
<b>NLRP3</b> <i>Peripheral</i>	VTX2735					Phase 2 CAPS data update <b>Q1 2024</b>
<b>NLRP3</b> <i>CNS-penetrant</i>	VTX3232					Phase 1 data update <b>Q1 2024</b>

**Cash, cash equivalents and marketable securities of \$300.8M as of September 30, 2023**

# Conclusions

## Ventyx to Provide Portfolio Updates in Q1 2024

- **Phase 2 plaque psoriasis trial achieved primary and all secondary endpoints**
  - Trial results in PsO fall short of threshold for advancement into Phase 3
  - Phase 2 trials in plaque psoriasis and psoriatic arthritis to be discontinued
- **Ongoing Phase 2 trial of VTX958 in Crohn's disease to proceed**
  - Working with our regulatory advisors, we intend to conduct an interim efficacy analysis in Q1 2024
- **Comprehensive pipeline updates to be provided in the first quarter of 2024:**
  - **VTX002** Phase 2 UC OLE update
  - **VTX958** Crohn's disease interim analysis
  - **VTX2735** Phase 2 CAPS update
  - **VTX3232** Phase 1 data update
- **Cash, cash equivalents, and marketable securities balance of **\$300.8M** as of Sep 30, 2023**



# Q&A Session

**Ventyx Management Team**