

UPDATE ON THE SAFETY AND TOLERABILITY OF BEXOTEGRAS, A DUAL-SELECTIVE INHIBITOR OF INTEGRINS $\alpha_v\beta_6$ and $\alpha_v\beta_1$, IN DEVELOPMENT FOR IDIOPATHIC PULMONARY FIBROSIS AND PRIMARY SCLEROSING CHOLANGITIS

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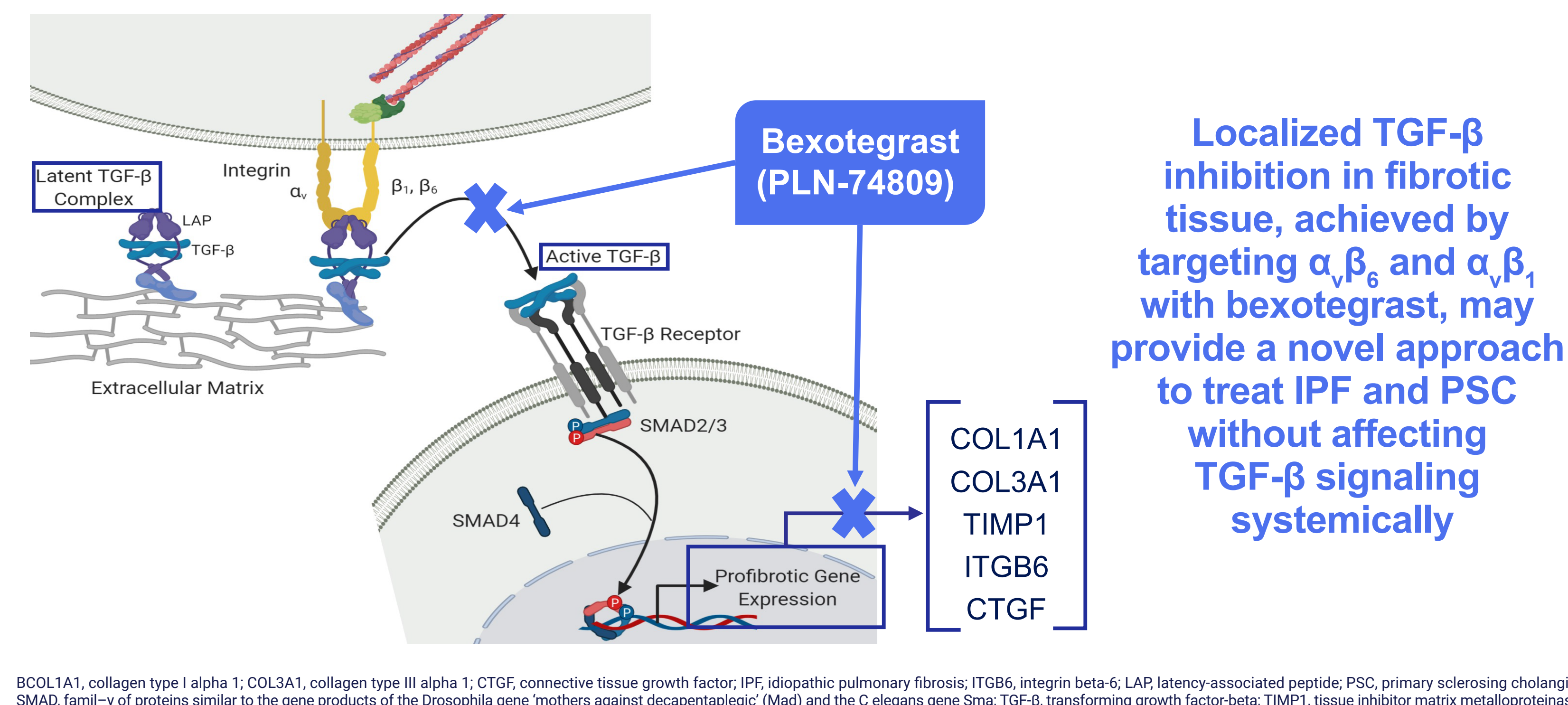
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BACKGROUND

$\alpha_v\beta_6$ and $\alpha_v\beta_1$ Integrins Drive Cell-Matrix Interactions in Fibrosis

- Transforming growth factor-beta (TGF- β) is a central mediator of fibrosis^{1,2}
- Systemic TGF- β blockade carries toxicity risks²
- Activation of latent TGF- β by $\alpha_v\beta_6$ (lung epithelial cells, injured cholangiocytes) and $\alpha_v\beta_1$ (lung fibroblasts, hepatic stellate cells) is increased in fibrotic tissue²⁻⁸

$\alpha_v\beta_6$ and $\alpha_v\beta_1$ integrins promote fibrosis through activation of TGF- β ^{1,2}



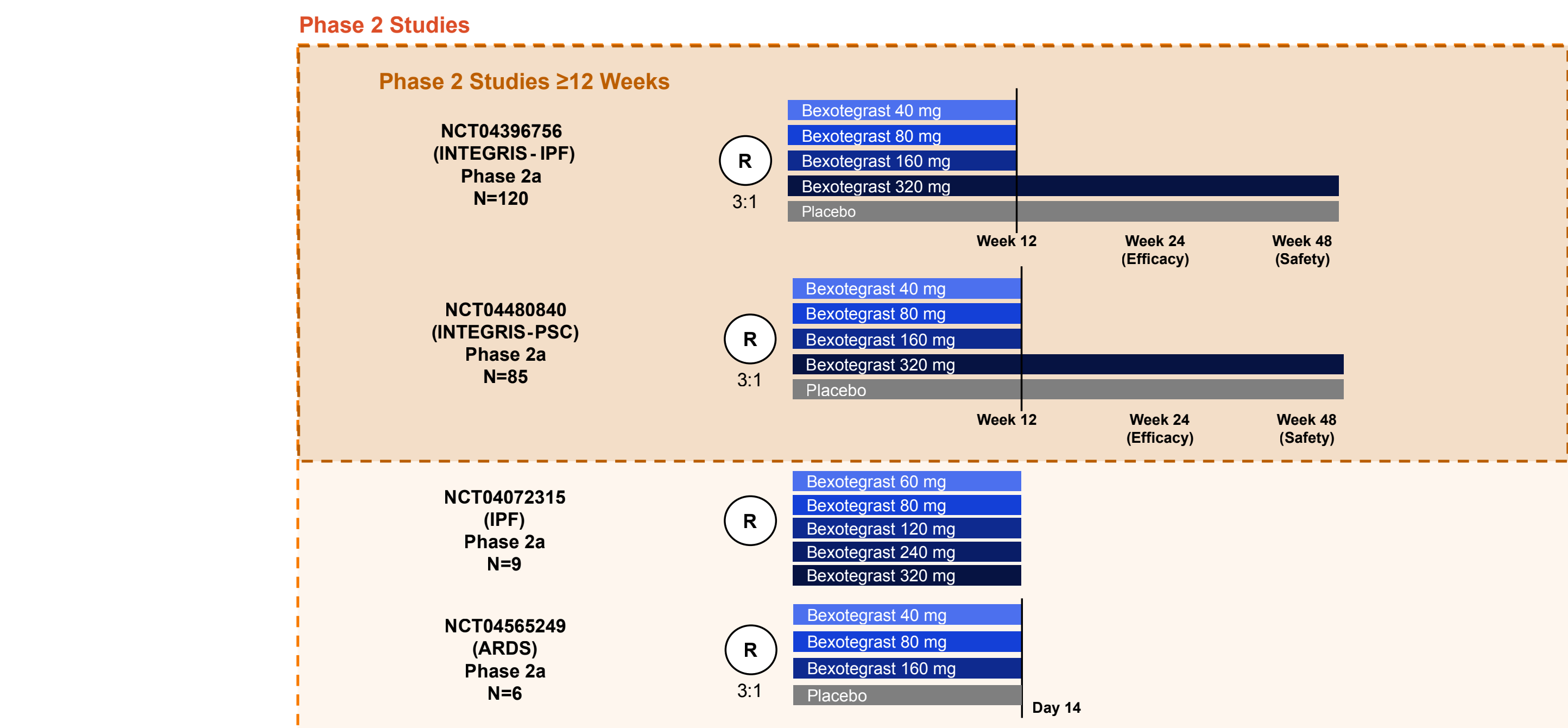
OBJECTIVE

- To provide a comprehensive safety analysis of bexotegast across Phase 1 and Phase 2 clinical studies in idiopathic pulmonary fibrosis (IPF) and primary sclerosing cholangitis (PSC)

METHODS

- To date, over 700 participants have been exposed to bexotegast in unblinded and blinded studies
- This safety analysis was performed on completed studies with unblinded data (cutoff date: August 16, 2023)
 - A total of 630 participants received bexotegast and 113 received placebo
- This analysis included 523 unique participants from Phase 1 studies and 220 unique participants from Phase 2 studies^a
- Bexotegast doses ranged from 15 to 640 mg in single-dose studies and from 10 to 320 mg in multiple-dose studies
- In Phase 2 studies INTEGRIS-IPF and INTEGRIS-PSC, bexotegast 320 mg QD was administered for ≥ 24 weeks and ≤ 48 weeks

Phase 2 Studies Included in the Safety Population



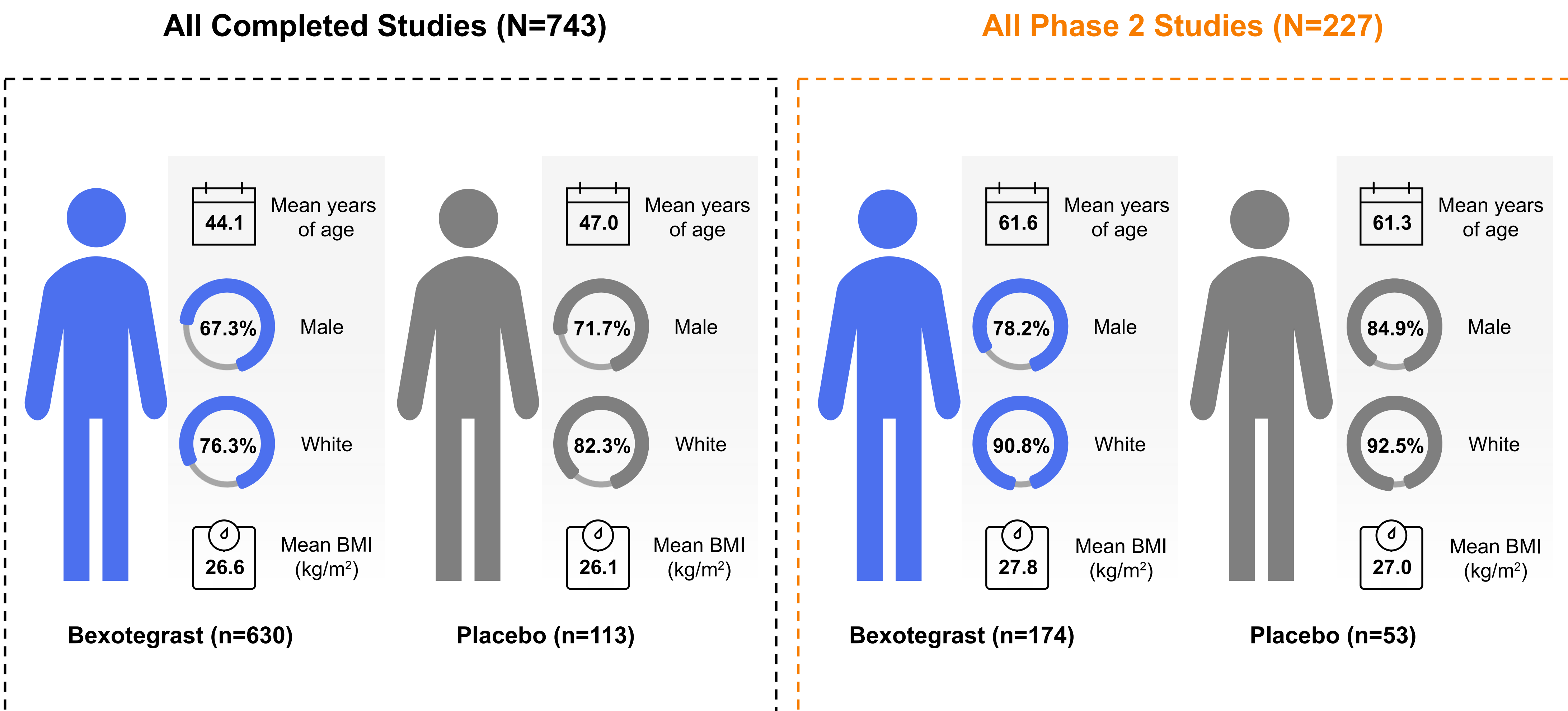
ARBS, acute respiratory distress syndrome; IPF, idiopathic pulmonary fibrosis; PSC, primary sclerosing cholangitis; QD, once daily; R, randomization.

^a NCT04072315, participants are counted for each unique dose level.

RESULTS

Baseline Demographics

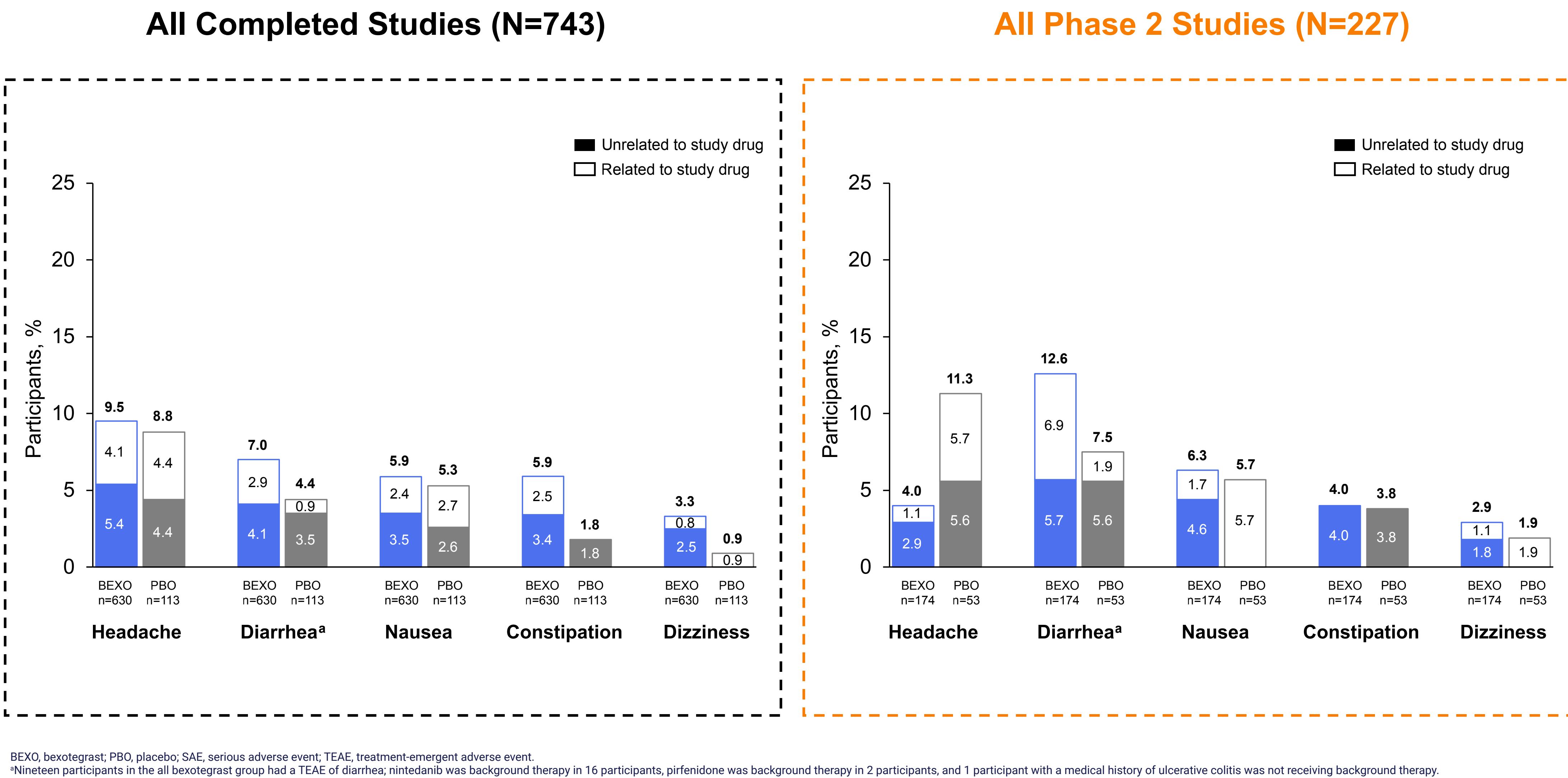
- The population from all completed studies was 67.3% male and 76.3% White, with a mean age of 44.1 years and a mean body mass index of 26.6 kg/m²



BMI, body mass index.

Most Frequently Reported TEAEs

- The most common reported TEAEs in all completed studies (bexotegast/placebo) were headache (9.5%/8.8%), diarrhea (7.0%/4.4%), nausea (5.9%/5.3%) and constipation (5.9%/1.8%)

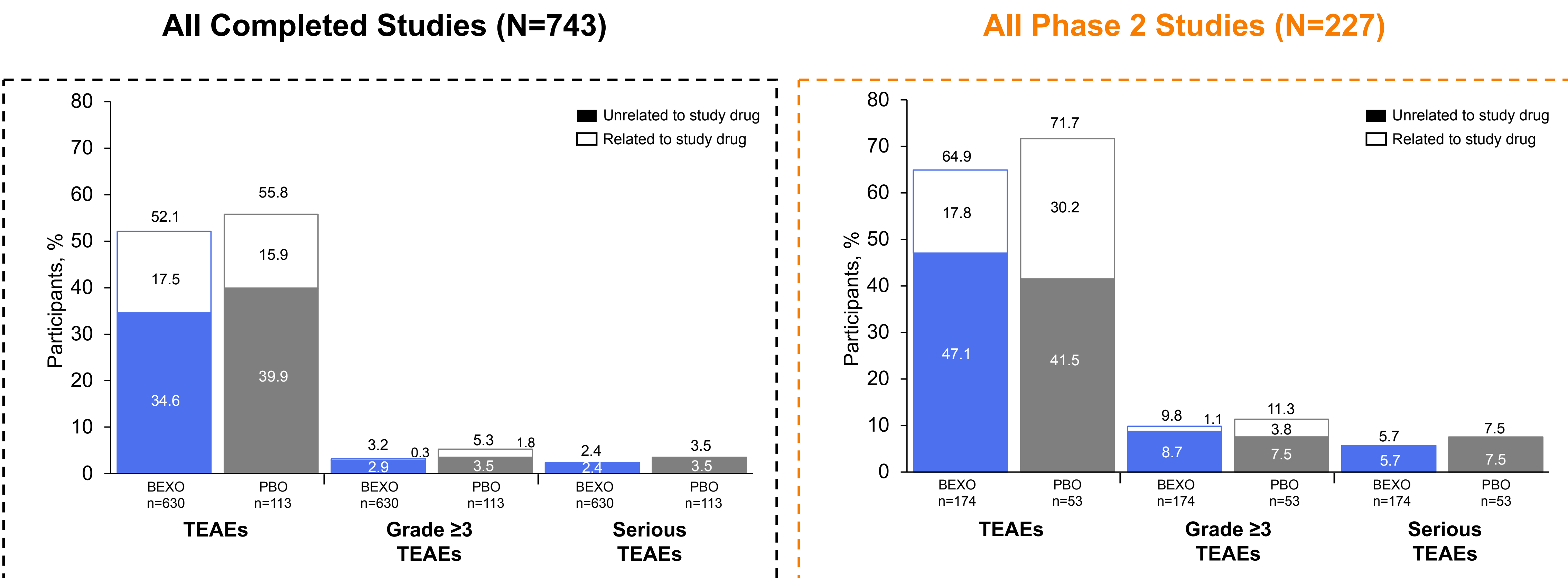


BEXO, bexotegast; PBO, placebo; SAE, serious adverse event; TEAE, treatment-emergent adverse event.

^a Nineteen participants in the all bexotegast group had a TEAE of diarrhea; rifampin was background therapy in 16 participants, rifampin was background therapy in 2 participants, and 1 participant with a medical history of ulcerative colitis was not receiving background therapy.

Safety Summary

- Rates of discontinuation were similar between bexotegast-treated participants in all completed and all Phase 2 studies (2.2% vs 2.9%); 4.4% and 7.5% of PBO-treated participants discontinued from all completed and all Phase 2 studies, respectively
- TEAE (overall and by grade category) and serious TEAE rates were higher in the placebo group compared with the bexotegast group
- No SAEs were considered related to the study drug



BEXO, bexotegast; PBO, placebo; TEAE, treatment-emergent adverse event.

CONCLUSIONS AND FUTURE RESEARCH

- Bexotegast was well tolerated in participants in 11 Phase 1 and 4 Phase 2 studies
- The most frequently reported TEAE was headache
- The most common system organ class TEAEs were gastrointestinal related, including diarrhea, nausea and constipation
- Most TEAEs were mild to moderate
- Discontinuation rates were low
- These findings support the continued development of bexotegast in IPF and PSC