



27 September – 1 October | Amsterdam, Netherlands

EFZO-FIT: The Largest Ever Interventional Trial in Pulmonary Sarcoidosis

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On behalf of the EFZO-FIT investigators

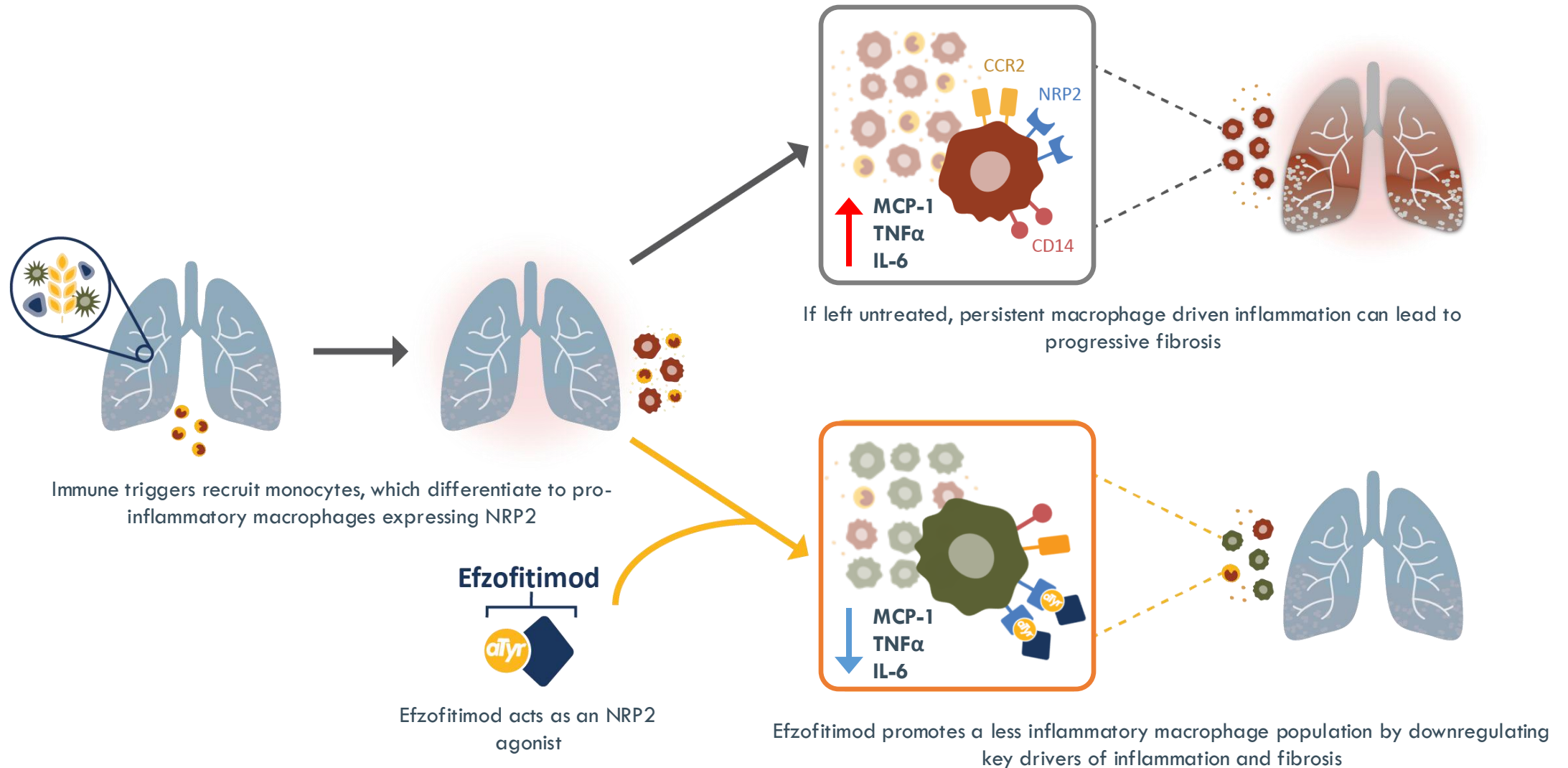
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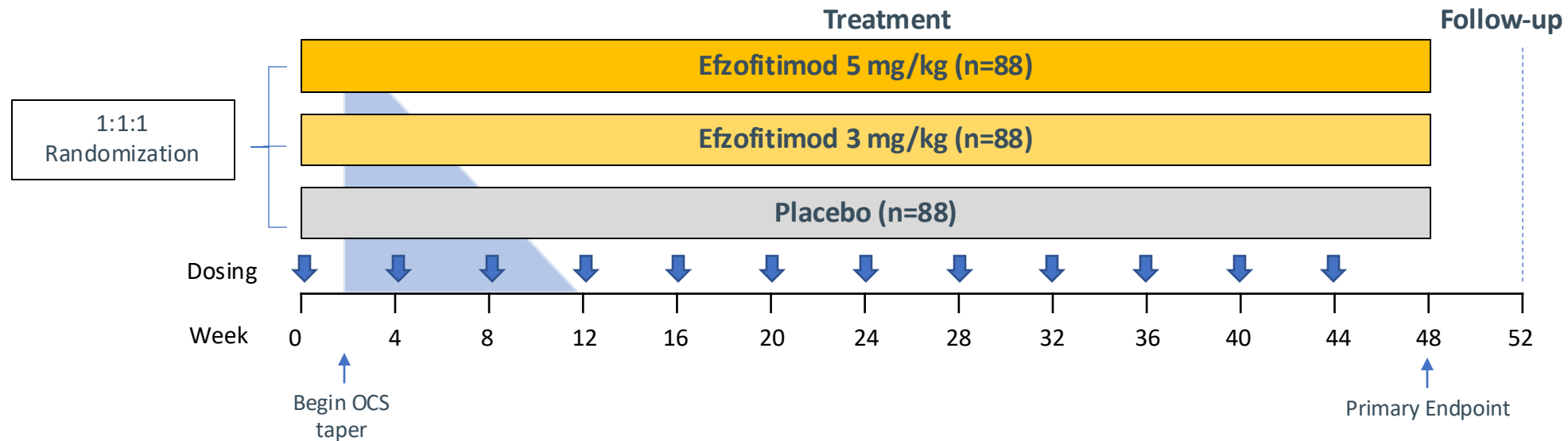
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Efzofitimod Mechanism of Action



EFZO-FIT Study Design



Population

Diagnosis of pulmonary sarcoidosis for ≥ 6 months
Stable treatment with ≥ 7.5 and ≤ 25 mg/day OCS
1 immunosuppressant allowed

Endpoints

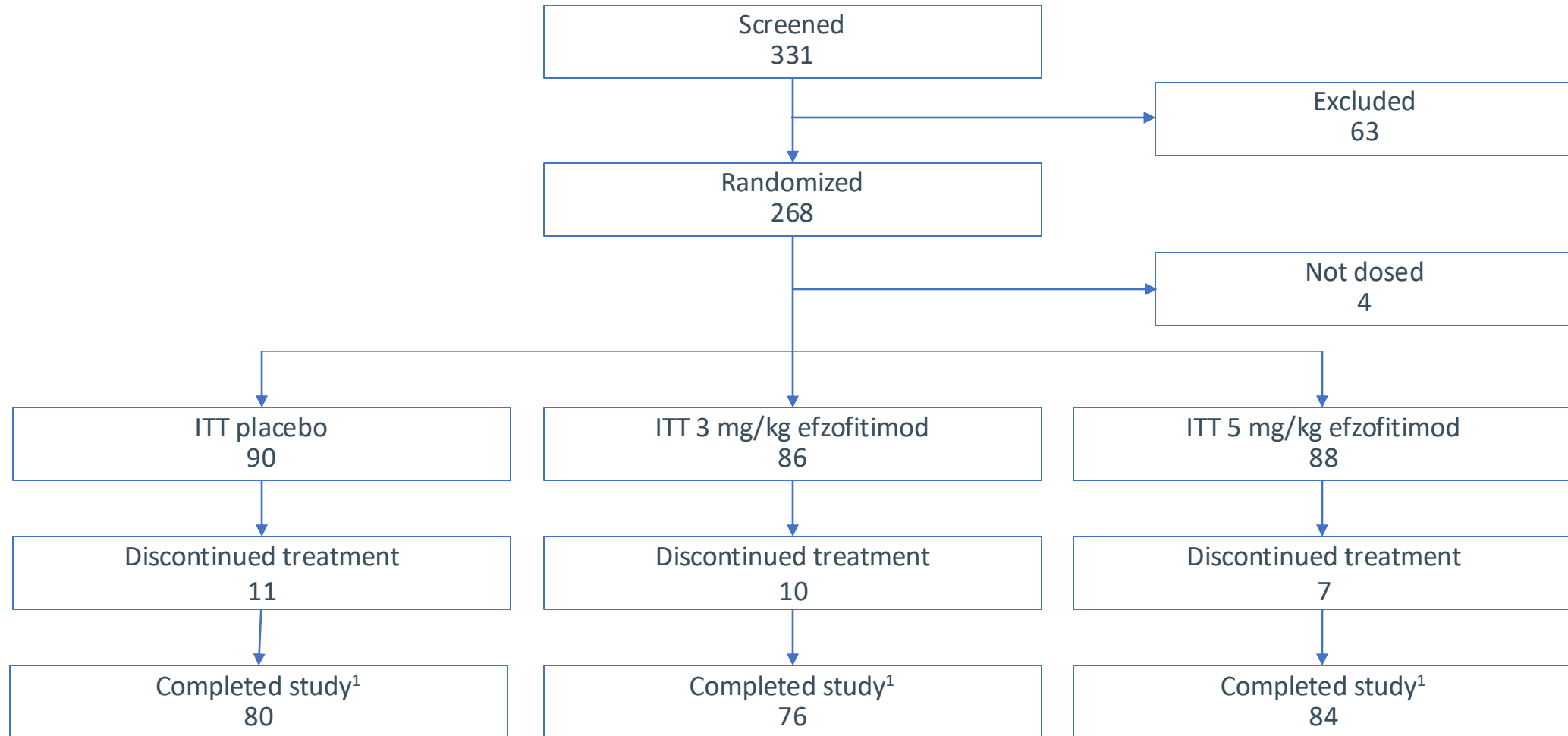
Primary:

Change from baseline in mean daily OCS dose at Week 48

Secondary:

Steroid withdrawal; KSQ-Lung; FVC

Study Disposition



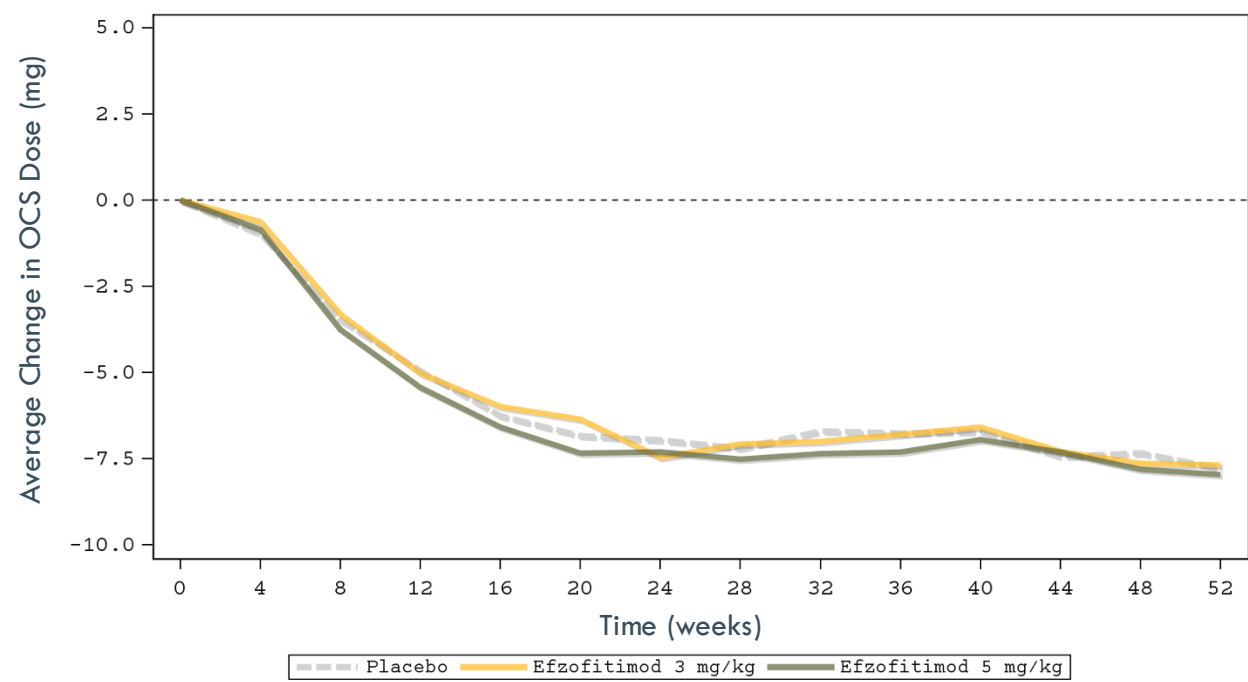
¹Completed at least 10 doses and completed follow Up

Baseline Characteristics

	Placebo N=90	Efzofitimod 3 mg/kg N=86	Efzofitimod 5 mg/kg N=88
Age (Years); mean (SD)	54.1 (10.5)	54.5 (11.9)	52.7 (9.2)
Sex (Male); n (%)	56 (62.2)	47 (54.7)	47 (53.4)
Race			
Black / African American; n (%)	15 (16.7)	12 (14.0)	16 (18.2)
Asian; n (%)	15 (16.7)	11 (12.8)	10 (11.4)
Duration of disease (Years); mean (SD)	8.7 (9.1)	8.7 (8.2)	7.0 (6.3)
Extrapulmonary sarcoidosis; n (%)	29 (32.2)	28 (32.6)	28 (31.8)
KSQ-Lung score; mean (SD)	49.4 (9.1)	53.5 (11.5)	51.6 (10.7)
FVC % predicted; mean (SD)	89.2 (17.4)	86.5 (15.4)	90.7 (17.5)
Pulmonary phenotype; n (%)			
Obstructive / Mixed	38 (42.2)	32 (37.2)	30 (34.1)
Steroid dose (mg/day); mean (SD)	10.7 (4.7)	10.5 (4.0)	10.7 (4.6)
Duration of OCS; mean (SD)	4.6 (5.6)	4.5 (5.6)	4.6 (5.0)
Immunosuppressant; n (%)	34 (37.8)	33 (38.4)	32 (36.4)

Change from Baseline in OCS

Average Change from Baseline in
OCS Dose Over Time



OCS Dose at Week 48

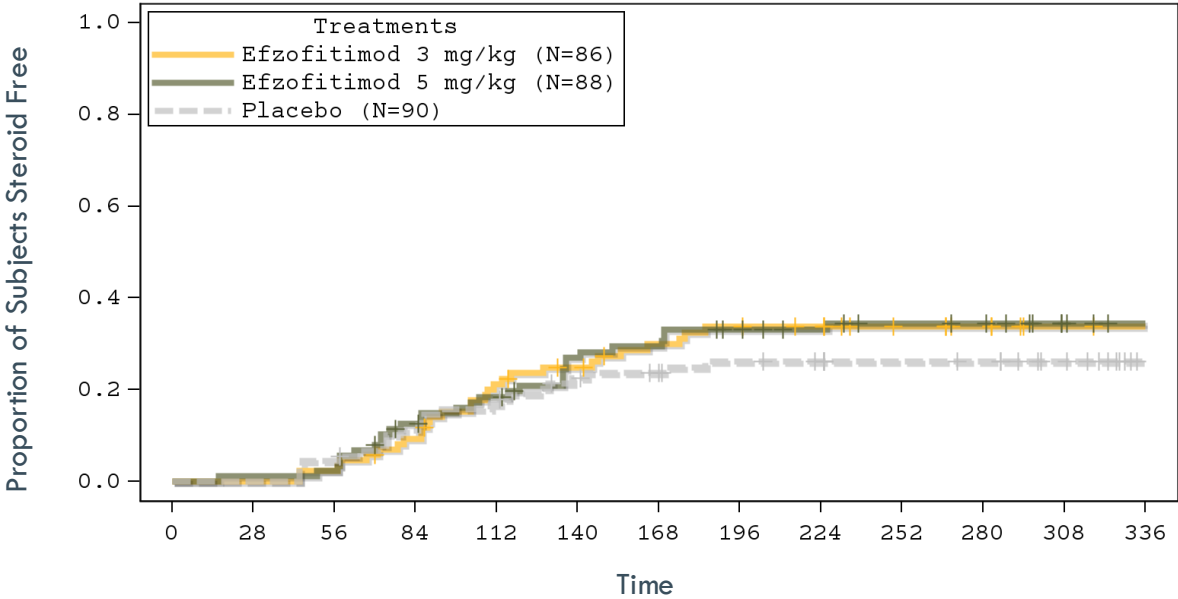
	Placebo N=90	Efzofitimid 3 mg/kg N=86	Efzofitimid 5 mg/kg N=88
LS mean dose at week 48 (mg)	3.5	3.5	2.8
LS mean change from baseline (mg)	-7.1	-7.1	-7.9
Difference in LS mean (95% CI)	-	0.0 (-1.5, 1.5)	-0.7 (-2.2, 0.8)
p-value	-	0.9804	0.3313

Steroid Free at Week 48

	Placebo N=90	Efzofitimid 3 mg/kg N=86	Efzofitimid 5 mg/kg N=88
Steroid free ¹ ; n (%)	36 (40.2)	45 (51.8)	46 (52.6)
Odds ratio (95% CI)	-	1.6 (0.9, 3.0)	1.7 (0.9, 3.1)
Nominal p-value	-	0.1172	0.0919

¹Missing patients considered non-responders

Kaplan Meier Curve of Time to Steroid Free Sustained for 180 Days

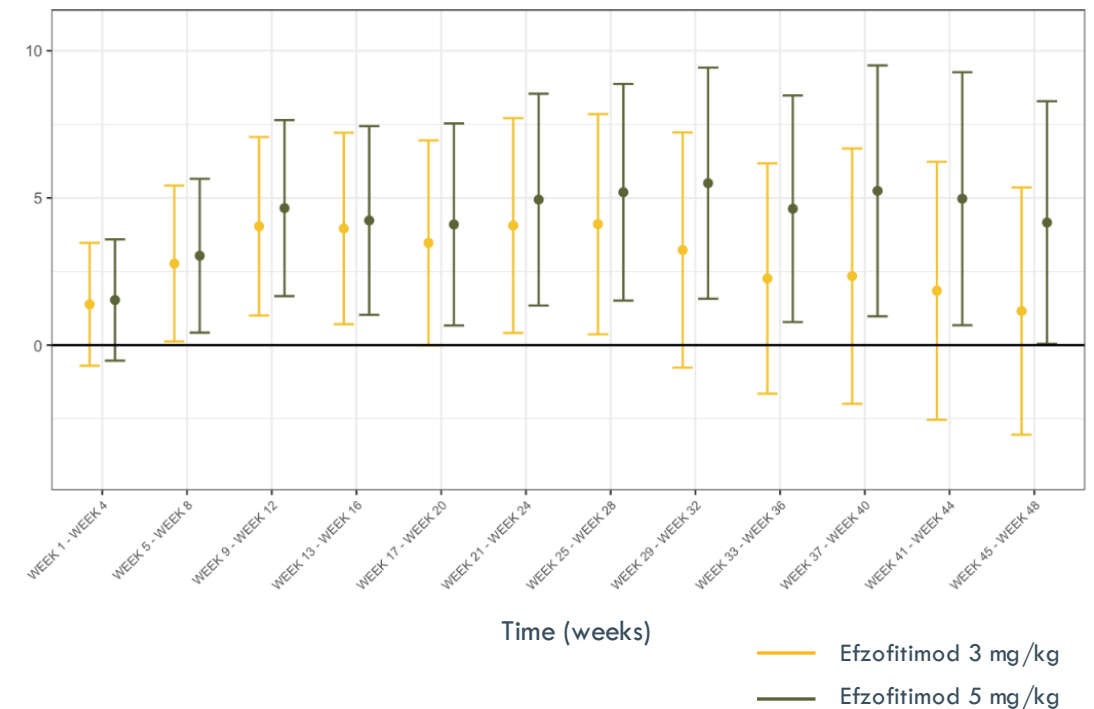


Change from Baseline in KSQ-L at Week 48

	Placebo N=90	Efzofitimid 3 mg/kg N=86	Efzofitimid 5 mg/kg N=88
LS mean change from baseline	6.2	7.3	10.4
Difference; LS mean (95% CI)	-	1.1 (-3.1, 5.4)	4.2 (0.0, 8.3)
Nominal p-value	-	0.5932	0.0479

Ongoing KSQ-L validation work conducted by aTyr supports a MCID for improvement between groups of 2.1 points

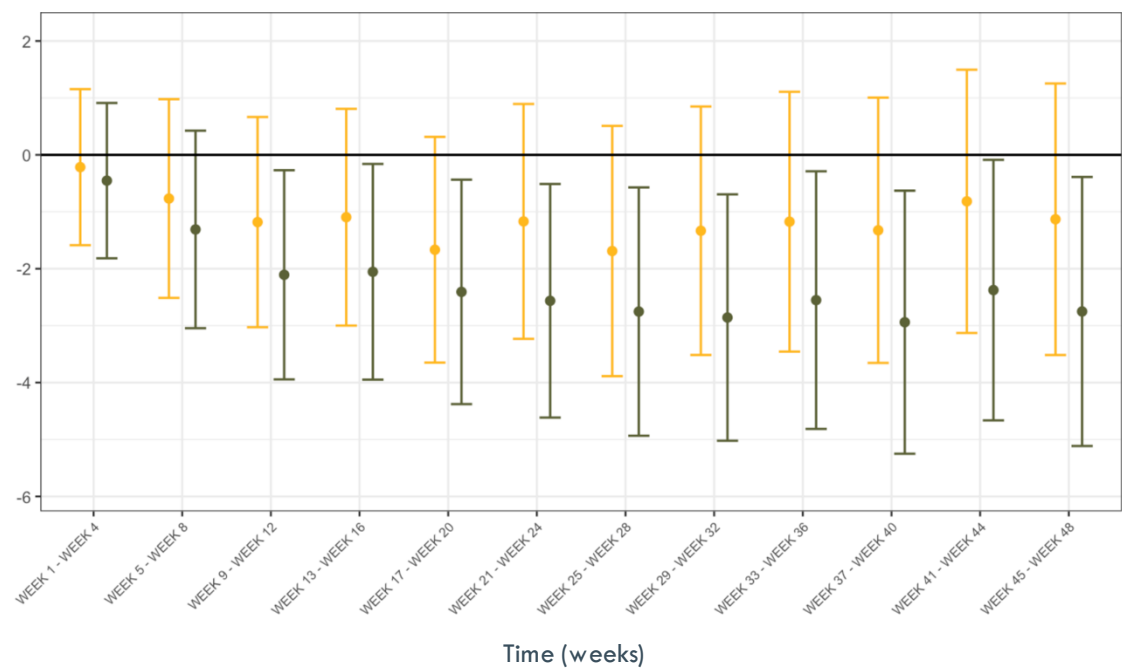
Differences in KSQ-L Change from Baseline vs Placebo*



*LS Means

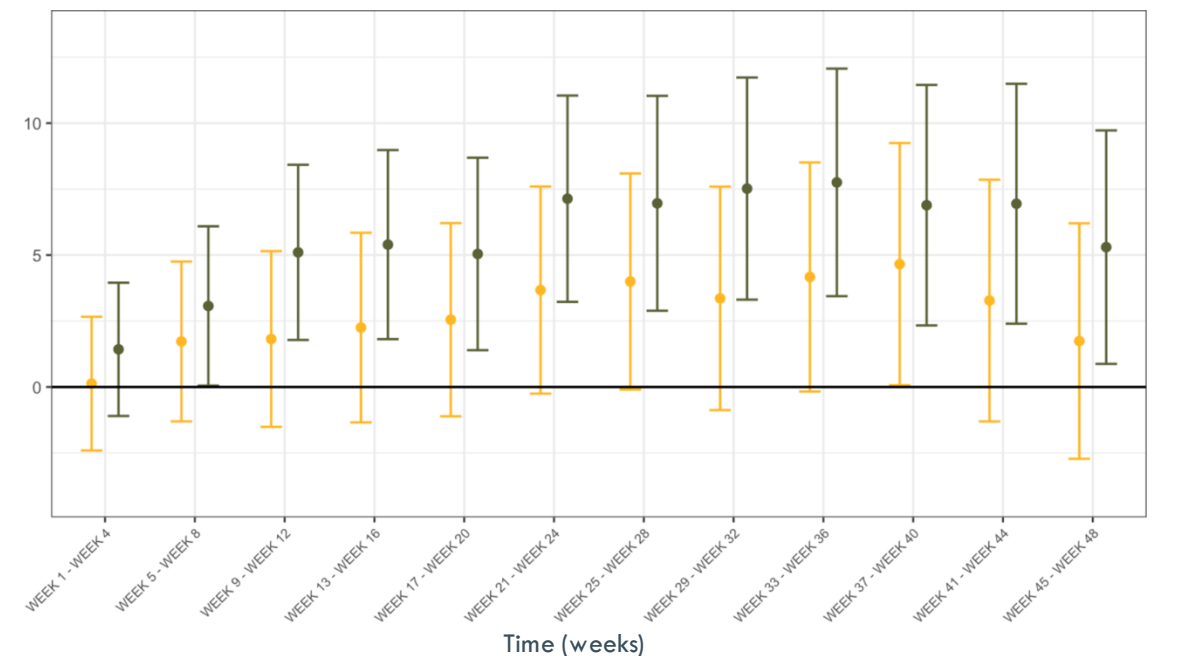
Consistent Benefit Observed on QOL

Differences in FAS Total Score Change from Baseline vs Placebo*



Week 48 difference in LS mean change from baseline nominal p-value = **0.0226**

Differences in KSQ-GH Change from Baseline vs Placebo*



Week 48 difference in LS mean change from baseline nominal p-value = **0.0197**

— Efzofitimid 3 mg/kg
— Efzofitimid 5 mg/kg

*LS Means; FAS = Fatigue Assessment Scale; KSQ-GH = King's Sarcoidosis Questionnaire – General Health

Steroid Free and KSQ-L Composite Endpoints

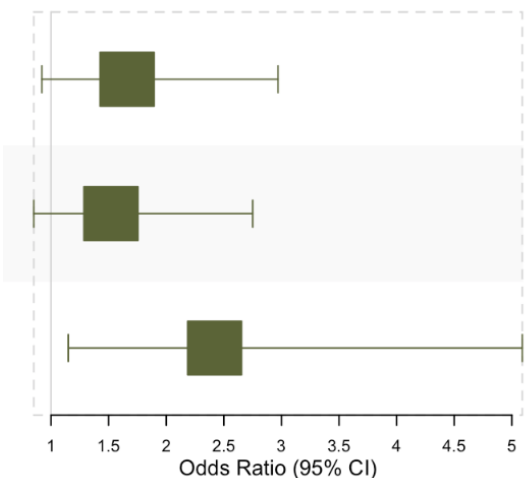
	Placebo N=90	Efzofitimid 3 mg/kg N=86	Efzofitimid 5 mg/kg N=88
Steroid free and stable KSQ-L; n (%) ¹	33 (36.7)	41 (47.7)	41 (46.6)
Odds ratio (95% CI)	-	1.6 (0.8, 2.9)	1.6 (0.8, 2.9)
Nominal p-value	-	0.1592	0.1607
Steroid free and improved KSQ-L; n (%) ¹	13 (14.4)	24 (27.9)	26 (29.5)
Odds ratio (95% CI)	-	2.2 (1.1, 4.8)	2.4 (1.2, 5.2)
Nominal p-value	-	0.0381	0.0196

Efzofitimid 5 mg/kg vs Placebo from Logistic Regression

Steroid-Free

Steroid-Free & KSQ-L > -3
(Stable)

Steroid-Free & KSQ-L ≥ 8
(Improved)



→ Favors efzofitimid 5 mg/kg

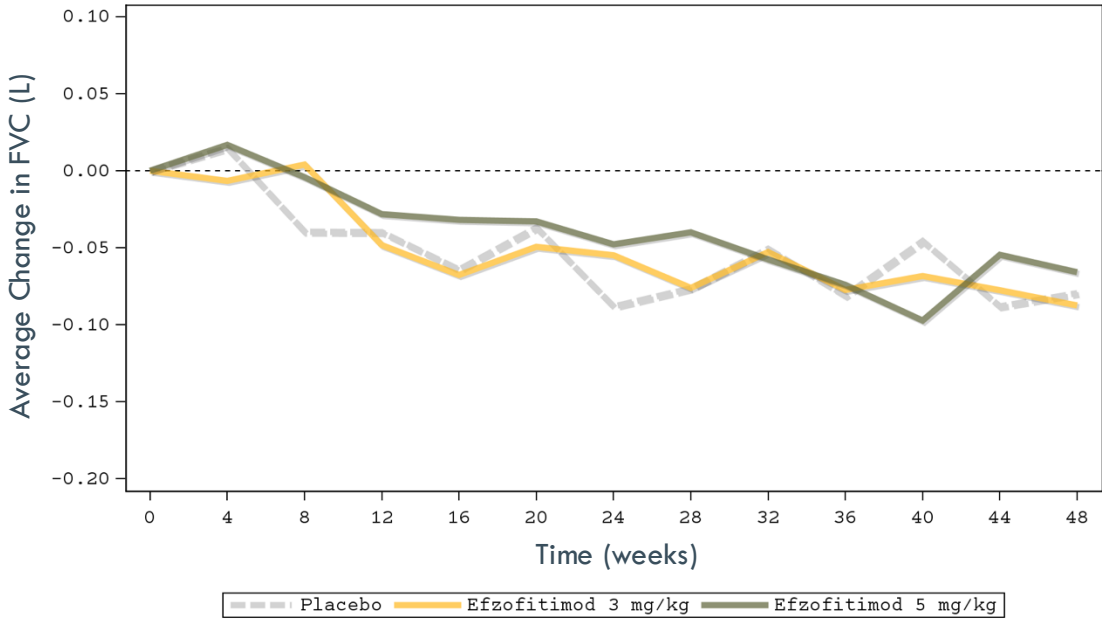
¹Missing patients treated as non-responders

Forced Vital Capacity (FVC)

FVC at Week 48 (MMRM)

	Placebo N=90	Efzofitimid 3 mg/kg N=86	Efzofitimid 5 mg/kg N=88
FVC (mL), LS mean at week 48	3380.4	3369.7	3395.4
LS mean change from baseline (mL)	-84.5	-95.1	-69.4
Difference in LS means (mL)	-	-10.6	15.1
95% CI	-	-104.7, 83.5	-77.4, 107.6
Nominal p-value	-	0.8244	0.7485

Change from Baseline in FVC (L) over Time



Summary of SAE, AE Discontinuations and ADA

	Placebo N=90	Efzofitimod 3 mg/kg N=86	Efzofitimod 5 mg/kg N=88
SAE	10	12	7
Treatment related (per PI)	2 (pneumonia, scrotal abscess)	2 (PPF, RSV infection)	1 (pneumonia)
Discontinuations due to AE	4	3	4
Treatment related (per PI)	2 (hypersensitivity, hypotension)	1 (PPF)	1 (CIDP)
Anti-drug antibody			
Treatment induced	1	1	3
Treatment boosted	1	0	0

- EFZO-FIT is the largest-ever RCT in sarcoidosis
- Pulmonary sarcoidosis patients can be managed for prolonged periods with lower steroid doses than we are currently using
- Efzofitimod is safe and well-tolerated
- The trial did not meet its primary endpoint (change from baseline in mean daily steroid dose at week 48)
- Positive signals were observed for several PROs, as well as freedom from steroids
 - Pre-specified PROs (KSQ-L, KSQ-GH, FAS) had nominal p value < 0.05
- Additional analyses are underway



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