ICOSABUTATE, A NOVEL ORAL FREE FATTY ACID RECEPTOR AGONIST, SIGNIFICANTLY DECREASES **BIOMARKERS OF NASH AND FIBROSIS INDEPENDENT OF BASELINE FIBROSIS AND INFLAMMATION**

Naim Alkhouri¹, Ann C. Moore¹, Anita Kohli¹, Rashmee Patil², Madhavi Rudraraju³, Stephen Rossi⁴, David A. Fraser⁴, Carine Beysen⁴, Stephen A. Harrison^{3,4} and the ICONA Study Investigators

(1) Arizona Liver Health (2) South Texas Research Institute, (3) Pinnacle Clinical Research, (4) Northsea Therapeutics



Week 16 Pre-Specified **Interim Analysis**

PATIENT AND DIS	SEASE CHARACTERISTIC	CS	
Parameter	Placebo (n=33)	ICOSA 300mg (n=33)	ICOSA 600mg (n=33)
	54 (22-75)	52.6 (28-73)	53.3 (29-71)
le	75.6% / 24.4%	62.2% / 37.8%	70.5% / 29.5%
	95.6%	90.9%	90.9%
itino (%)	42.0%	38.6%	31.8%
	95.4 (20.3)	103.7 (19.2)	101.3 (18.9)
(%)	36% / 64%	30% / 70%	36% / 64%
	65.3 (37.9)	67.7 (37.0)	64.4 (36.2)
	49.3 (30.3)	52.2 (32.3)	42.2 (17.8)
	72.5 (62.2)	85.2 (64.2)	78.5 (103.9)
es (mg/dL)	152.3 (62.5)	175.8 (96.4)	199.2 (113.7)
/mL)	19.2 (9.9)	18.9 (7.1)	18.4 (5.3)
s)	984.3 (178.1)	1022.1 (160.9)	980.5 (126.0)
%)	21.1 (8.9)	20.8 (6.3)	20.5 (5.9)

■ ICOSA 300mg ■ ICOSA 600mg









CONCLUSIONS

- •Rapid and sustained significant decreases were seen in F2/F3 patients in all biomarkers at 600mg and the majority at 300mg that were largely comparable or of greater magnitude than the overall study population
- •Based on the clinical data generated to date, along with a favorable safety and tolerability profile, ICOSA has the potential to be a backbone for either mono- or combination therapy in NASH.

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anges in Biomarkers of Inflammation by Fibrosis Stage



anges in Fibrosis Biomarkers by Fibrosis Stage

arameter	ICOSA 300 mg			ICOSA 600mg		
	Overall	F1	F2/F3	Overall	F1	F2/F3
C3 (ng/ml)	-4.5	-4.1	-4.6	-4.6	-3.0	-5.4
	-0.41	-0.35	-0.37	-0.54	-0.60	-0.47
PIINP	-2.7	-2.6	-2.8	-3.0	-2.3	-3.3
TIMP-1	-14.0	-21.9	-9.8	-23.6	-29.4	-20.6
luronic Acid	-35.1	-21.7	-37.8	-34.1	-31.1	-34.7

Changes in Disease Severity Biomarkers

- •Improvements in key markers associated with disease severity demonstrate the potent antiinflammatory and anti-fibrogenic activity of ICOSA
- •These data are supportive of a potential impact on liver histology at 52 weeks across a broad range of patients, largely independent of baseline fibrosis or inflammation.
- Acknowledgement: The ICONA study team would like to thanks all of the study teams as well as the patients and their families for their support of and participation in this key study