



Corporate Presentation

A Biotech Dedicated to NASH

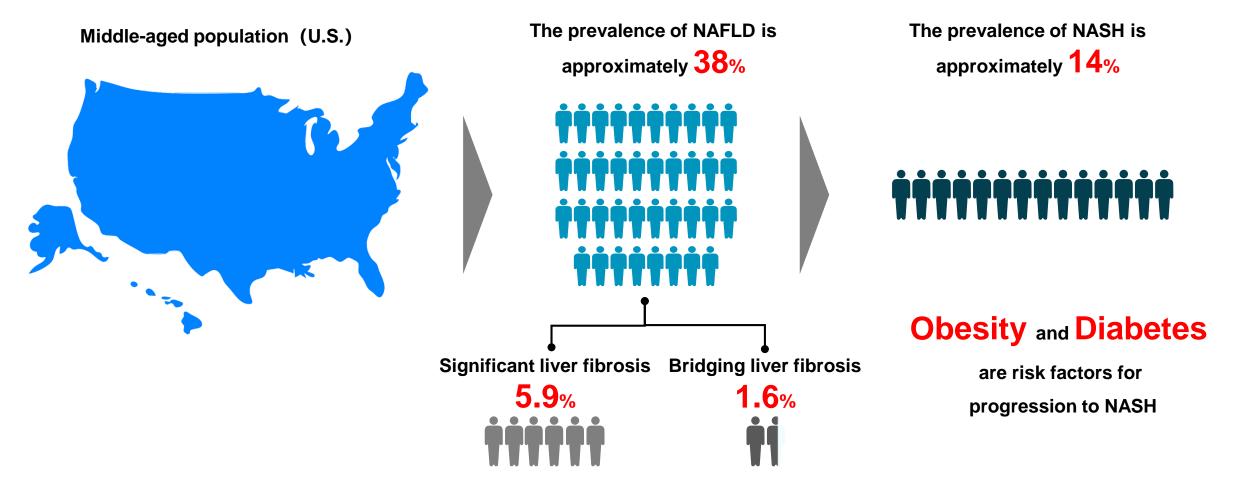
About Gannex



Gannex, a wholly-owned company of Ascletis, is dedicated to the R&D and commercialization of new drugs in the field of NASH. Gannex has three clinical stage drug candidates against three different targets – FASN, THRβ and FXR, and three fixed-dose combinations.

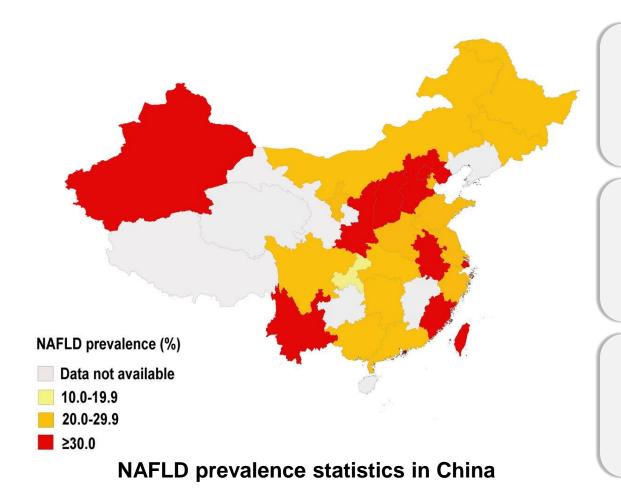
NAFLD and NASH Represent a Large and Growing Health Problem

■ A large prospective study evaluated the prevalence and severity of NAFLD/NASH in an asymptomatic middle-aged population attending outpatient colonoscopy in the United States.



NAFLD and NASH Represent a Large and Growing Health Problem

■ A large meta-analysis revealed that the prevalence of NAFLD in China was as high as 29.2% from various perspectives.



Highest NAFLD prevalence age group

Age 50~59 (32.9%; 95% CI, 30.3-35.5)

Prevalence of NAFLD in people with obesity

51.6%, 5 times higher than non-obese population (10.8%)

The prevalence of NAFLD in China is increasing rapidly

- 2008 ~ 2010 (25.4%) vs. 2015 ~ 2018 (32.3%)
- Twice as high as in Western countries, and already exceeds the average prevalence (29.2% vs. 25.2%)

NASH Pipeline: Single Agents and Fixed-Dose Combinations¹

Target	Drug Candidates	Commercial Rights	Pre-IND	IND	Phase I	Phase Ila	Phase IIb/III	Anticipated Key Milestone(s) in next 12 months
FASN	ASC40	Greater China ²			 U.S. FDA	Fast Traci	k	• US : Interim results from 52-week liver-biopsy Phase IIb study ³
THRβ	ASC41	Global						• US: First patient dosed in 52- week liver-biopsy adaptive Phase IIa/IIb study ³
FXR	ASC42	Global	U.	S. FDA Fa	ast Track			• US : Submission for approval of 52-week liver-biopsy adaptive Phase IIa/IIb study ³
THRβ + FXR	ASC43F One-Pill, Once- a-Day FDC	Global						• US: Completion of human PK
FASN + FXR	ASC44F One-Pill, Once- a-Day FDC	Global ²						Completion of FDC development
FASN + THRβ	ASC45F One-Pill, Once- a-Day FDC	Global ²						Completion of FDC development

^{1.} NASH pipeline is owned by Gannex Pharma Co., Ltd., an independent biotech which is currently wholly-owned by Ascletis Pharma Inc.(1672.HK).

Disclaimer: The above milestones are only anticipations and the Company makes no guarantees for the achievement of the milestones.



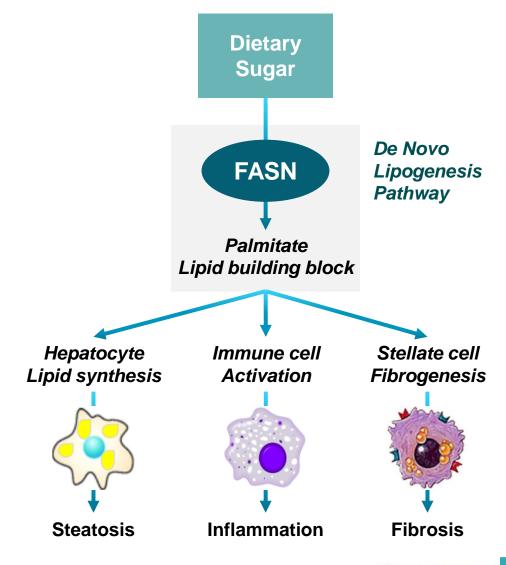
^{2.} ASC40 is licensed from Sagimet Biosciences Inc. for the exclusive rights in the Greater China.

^{3.} The Company plans to initiate global phase III clinical trials in US, China and other countries after the completion of Phase IIb studies of ASC40, ASC41 and ASC42.

ASC40: First-in-Class Oral Fatty Acid Synthase (FASN) Inhibitor

FASN is an important rate-limiting step in intrahepatic fatty acid synthesis as well as De novo lipogenesis (DNL)

- Reduces steatosis by blocking DNL
- Reduces inflammation by decreasing cytokine secretion and Th17 differentiation
- Blunts fibrosis by reducing procollagen and profibrotic gene expression



Phase II U.S. Cohort: ASC40 Clinical Trial Design in NASH Patients

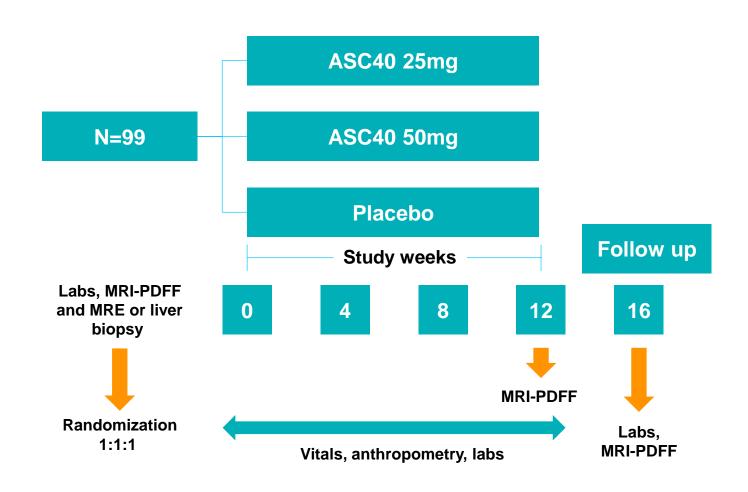
■ Multicenter, randomized, placebo-controlled trial 1:1:1 25mg:50mg:placebo (N=99)

Criteria

- Inclusion
 - ≥ 8% liver fat
 - MRE ≥ 2.5kPa or recent biopsy
- Exclusion
 - Evidence of cirrhosis
 - Other chronic liver disease

Endpoints

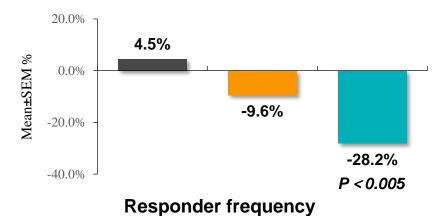
- Primary
 - Liver fat reduction by MRI-PDFF
 - Safety
- Secondary
 - % pts ≥30% reduction of liver fat
 - ALT, AST
 - Biomarkers



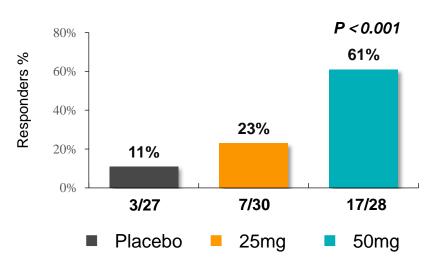
Phase II U.S. Cohort: ASC40 Significantly Reduces Liver Fat Content

Mean relative liver fat reduction

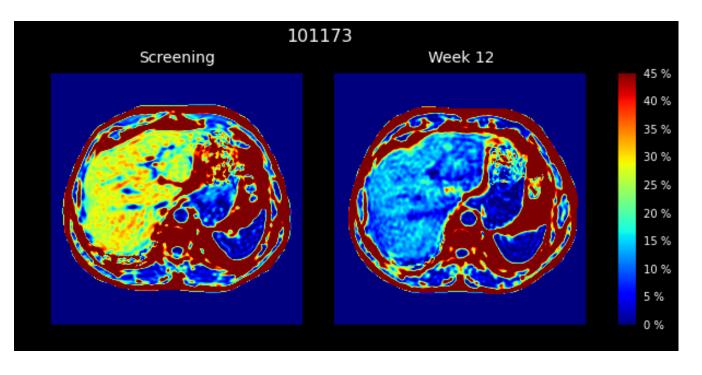
MRI-PDFF at week 12



Patients with ≥30% relative reduction



Significant reduction in liver fat content over 12 weeks of treatment



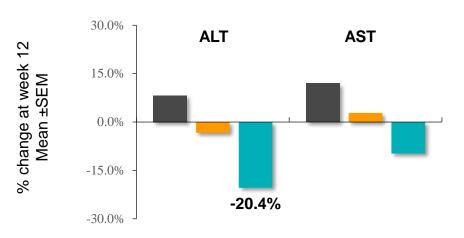
MRI-PDFF responders were defined as those with ≥ 30% MRI-PDFF decline relative to baseline

Phase II U.S. Cohort: ASC40 Significantly Improves NASH-related Metrics

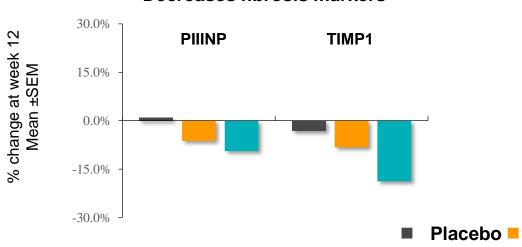
25mg

50mg

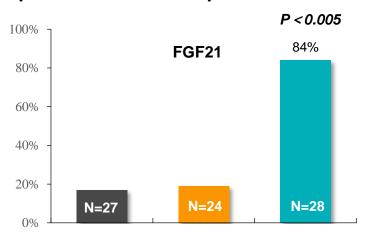
Dose-dependent response in reducing ALT/AST



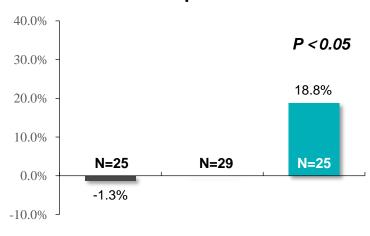
Decreases fibrosis markers



Improves markers of hepatic insulin sensitivity



Adiponectin



Phase II ASC40 Compares Favorably With Other Phase II/III NASH Drugs

	Drug Candidate	Company	Target	Dose	Weeks	≥ 30% li reduction r rate	esponder	Placebo adjusted ≥ 30% liver fat reduction responder	Safety
						Drug	Placebo	rate, %	
	ASC40 ¹	Gannex /Sagimet	FASN	50 mg	12	60.7	11.1	49.6	minimal side effects
	Firsocostat ²	Gilead	ACC	20mg	12	47.8	15.4	32.4	TG ↑
	Tropiflexor ³	Novartis	FXR	200µg	12	64	20	44	LDL-C ↑, pruritus
	Resmetirom ⁴	Madrigal	THRβ	80mg	36	74.4	29.4	45	diarrhea, nausea

Non-head to head research



^{1、}Rohit Loomba et al. 2020, Hepatology 72;103. EASL 2020 Oral Presentation

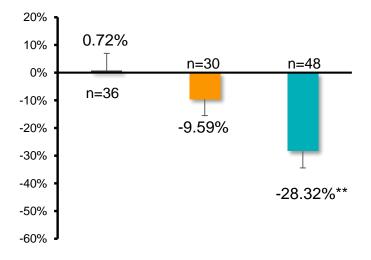
^{3.} Marcos Pedrosa et al. Contemp Clin Trials. 2020 Jan;88:105889.

^{2、}Eric J Lawitz et al. Clin Gastroenterol Hepatol. 2018 Dec;16(12):1983-1991

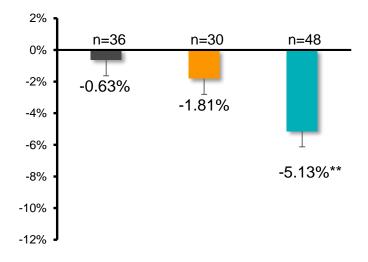
^{4、}Stephen A Harrison et al. Lancet. 2019 Nov 30;394(10213):2012-2024

Phase II Combined U.S. & China Cohorts: ASC40 Reduces Liver Fat

Mean relative liver fat reduction MRI-PDFF at week 12



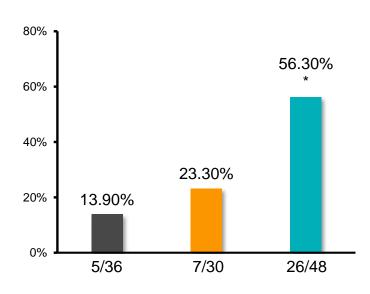
Mean absolute liver fat reduction MRI-PDFF at week 12



■ Placebo ■ 25mg ■ 50mg

Responder frequency

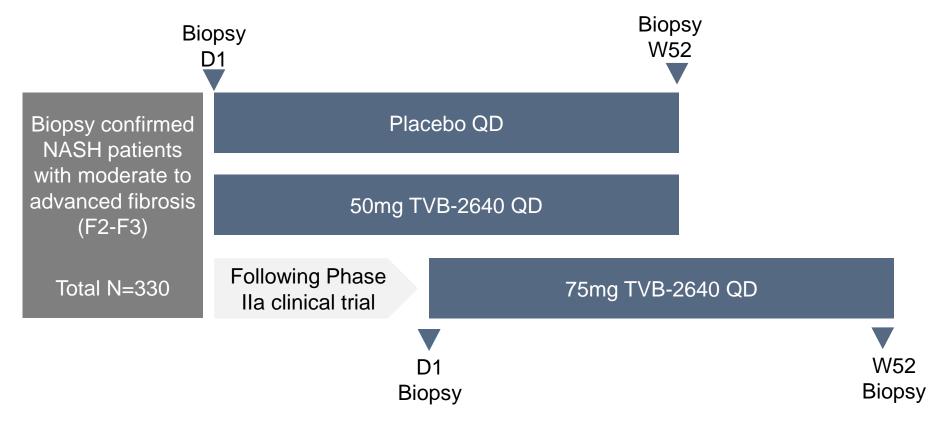
Patienct with ≥30% relative reduction



Source: Gannex data

^{**}p<0.001 Mean \pm SEM LSM difference versus placebo for liver fat.Common risk difference for responder frequence *p=0.0002

ASC40 (TVB2640): US Phase IIb Study Design for NASH

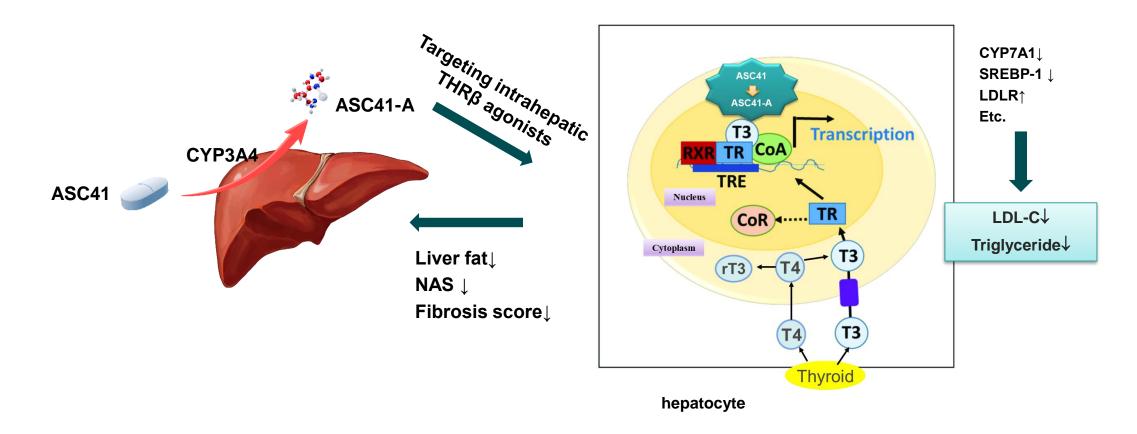


Primary efficacy endpoints:

- ≥ 2-point improvement in NAS (Nonalcoholic fatty liver disease (NAFLD) Activity Score) that results from reduction of necro-inflammation (inflammation or ballooning), or
- 2. improvement in fibrosis.

ASC41: A Liver Targeting Thyroid Hormone Receptor Beta (THRβ) Agonist

■ ASC41 is a liver targeted small molecule which is converted to its active metabolite ASC41-A - a potent and selective THRβ agonist



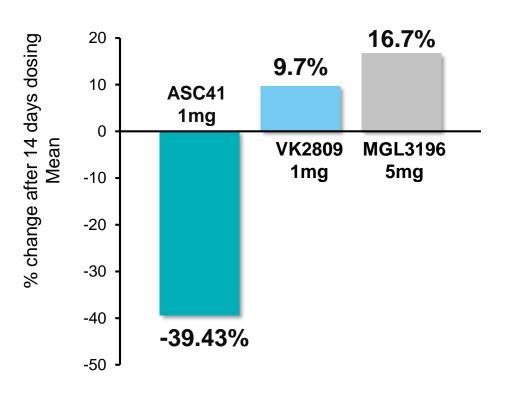
ASC41: Third-in-class THRβ Agonist in USA First-in-class THRβ Agonist in China

- In two NASH animal models, at 1/10th dose of MGL-3196, ASC41 demonstrated the same improvement in liver steatosis, inflammation and fibrosis.
- Commercially ready oral tablet formulation developed with in-house proprietary technology
- 2 Phase I studies completed
 - ➤ Single doses (1, 2, 5, 10, 20 mg) and 14 day multiple doses (1, 2, 5 mg) in 65 subjects with elevated LDL-C > 110 mg/dL
 - ➤ Food effect in 12 healthy subjects
- U.S. IND approved Feb 2021
- 1 Phase Ib study completed
 - > 28 day, 10 mg in 20 overweight and obese subjects with elevated LDL-C > 110 mg/dL
- Based on above studies, doses have been selected for Phase II trials in patients with NASH

THRβ Differentiations: Gannex vs Viking and Madrigal

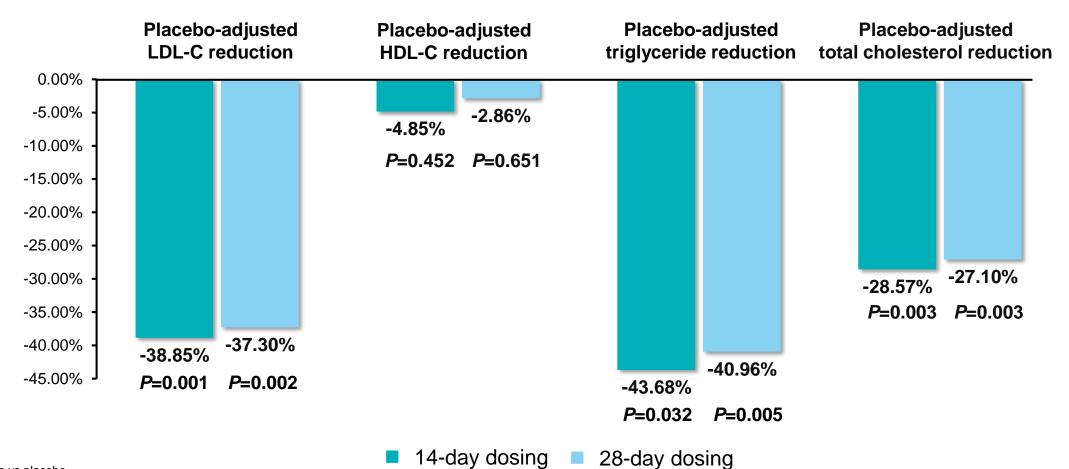
	Gannex ASC41 ¹	Viking VK2809 ²	Madrigal MGL3196 ³	
Oral formulation	Tablet, room temp storage, commercially ready	Capsule, refrigerated	Tablet, room temp storage, commercially ready	
Dosing frequency	Once a day	Once every two days	Once a day	
Human dose needed for > 30% TG reduction	1 mg	2.5 mg	50 mg	

Placebo adjusted triglyceride reduction from baseline after 14 day dosing



Positive Clinical Results in Overweight and Obese Subjects

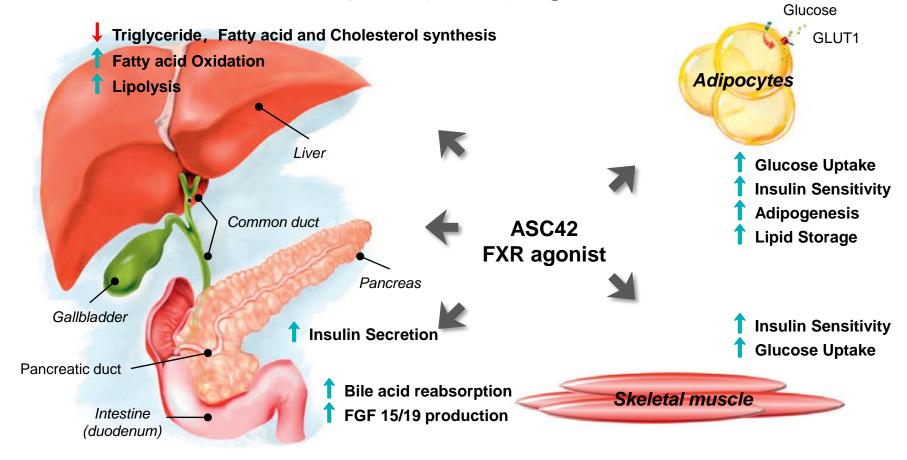
Placebo-adjusted relative change (mean) from baseline after 14 or 28 days of once daily oral dosing of 10 mg ASC41 tablets in overweight and obese subjects



P-value vs placebo

Source: Gannex data

ASC42: A Farnesoid X Receptor (FXR) Agonist



- Increased insulin sensitivity of adipocytes and skeletal muscle cells increases glucose uptake in peripheral tissues and increases energy consumption
- Reduced the synthesis of triglycerides, fatty acids and cholesterol in the liver, promoted liver fat decomposition and fatty acid oxidation

ASC42: A Novel Non-steroidal, Selective, Potent FXR Agonist

- Potentially best-in-class, no pruritus at human therapeutic doses
- U.S. FDA IND approval in Oct 2020
- U.S. FDA Fast Track Designation in Dec 2020
- U.S. Phase I trials completed
 - ➤ Single ascending doses and multiple ascending doses
 - > Food effect
- Oral tablet formulation developed with in-house proprietary technology and stable at room temperature

ASC42: Topline Results of the U.S. Phase I Trial

- No pruritus observed during 14-day treatment of the once-daily human therapeutic dose of 15 mg.
- FXR target engagement biomarker FGF19 increased 1632% on Day 14 of treatment with 15 mg, once-daily
- FXR target engagement biomarker C4 decreased 93% on Day 14 of treatment with 15 mg, once-daily
- Mean LDL-C values remained within the normal range during 14-day, once daily treatment with 15 mg
- There were no treatment-emergent ALT and AST elevations during 14-day, once daily treatment with 15 mg
- Doses selected for Phase II trial in patients with NASH, which will be initiated by the end of 2021

GANNEX

FDC: Synergies among ASC40, ASC41 and ASC42

		Monotherapy		FDC One-Pill, Once-a-Day			
Treatment Goals	ASC40 FASN	ASC41 THRβ	ASC42 FXR	ASC43F THRβ + FXR	ASC44F FASN + FXR	ASC45F FASN + THRβ	
Liver fat reduction	***	***	**	***	***	***	
Anti-inflammation	**	**	**	**	**	**	
Anti-fibrosis	**	**	***	***	***	**	
Lowering LDL-C and TG		***		***		***	

THANKS

– G A N N E X ————