



LEADER IN HDV

August 2019

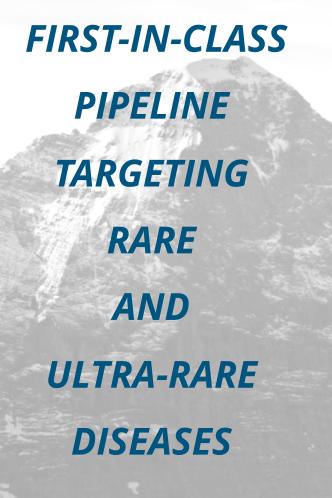
FORWARD LOOKING STATEMENT

This presentation and the oral commentary may contain forward-looking statements that involve future events. These forward-looking statements include terminology such as "believe," "will," "may," "estimate," "continue," "anticipate," "contemplate," "intend," "target," "project," "should," "plan," "expect," "predict," "could," "potentially" or the negative of these terms. All statements other than statements of historical facts contained in this presentation, including statements regarding our future financial condition, timing for and outcomes of clinical results, prospective products, preclinical and clinical pipelines, regulatory objectives, business strategy and plans and objectives for future operations, are forward looking statements. Such statements are predictions only and involve known and unknown risks, uncertainties and other important factors that may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. These risks and uncertainties include, among others, the costs, timing and results of preclinical studies and clinical trials and other development activities for lonafarnib, interferon lambda, and avexitide, and any of our future product candidates; our ability to achieve timelines and obtain approval without the need to conduct large Phase 3 clinical trials for our product candidates or additional exploratory or pivotal trials beyond what we anticipate; our ability to obtain funding for our operations, including funding necessary to complete all clinical trials that may potentially be required to file any NDA or MAA for our product candidates, and complete all clinical trials that may potentially be required to file for regulatory approval, for any of our product candidates; the uncertainties inherent in the initiation and enrollment of clinical trials; expectations of expanding on-going clinical trials; availability and timing of data from clinical trials; the unpredictability of the duration and results of regulatory review; the commercialization of our product candidates, if approved, including whether commercializing Ionafarnib for use in the progeria and progeroid laminopathies indications would result in receipt of a priority review voucher or otherwise be cash flow positive as a program for us; our plans to research, develop and commercialize our product candidates; our ability to attract collaborators with development, regulatory and commercialization expertise; the size and growth potential of the markets for our product candidates, and our ability to serve those markets; our ability to obtain favorable reimbursement and pricing and the rate and degree of market acceptance of our product candidates; regulatory developments in the United States and foreign countries; the performance of our third-party suppliers and manufacturers; market acceptance for approved products and innovative therapeutic treatments; competition; the accuracy of our estimates regarding expenses, future revenues, capital requirements and needs for additional financing; our expectations regarding the period during which we qualify as an emerging growth company under the Jumpstart Our Business Startups Act of 2012, or the JOBS Act; the possible impairment of, inability to obtain and costs of obtaining intellectual property rights; and possible safety or efficacy concerns, general business, financial and accounting risks and litigation. Because forward-looking statements are inherently subject to risks and uncertainties, some of which cannot be predicted or quantified and some of which are beyond our control, you should not rely on these forward-looking statements as predictions of future events. More information concerning us and such risks and uncertainties is available on our website and in our press releases and in our public filings with the U.S. Securities and Exchange Commission. We are providing this information as of its date and do not undertake any obligation to update or revise it, whether as a result of new information, future events or circumstances or otherwise. Additional information may be available in press releases or other public announcements and public filings made after the date of this presentation.

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EIGER is a late stage biopharmaceutical company developing and commercializing first-in-class, well-characterized drugs for serious rare and ultra-rare diseases for patients with high unmet medical needs and for which no approved therapies exist.



FIRST-IN-CLASS THERAPIES FOR PATIENTS IN NEED

Regulatory Status

Targeted Indication		Drug	Regulatory Status	Clinical Status
	Hepatitis Delta Virus	Lonafarnib + Ritonavir	 Breakthrough Designation FDA PRIME Designation EMA Orphan Designation US & EU 	Phase 3
	Hepatitis Delta Virus	Peginterferon Lambda	Orphan Designation US & EUFast Track Designation FDA	Phase 2
	Progeria and Progeroid Laminopathies	Lonafarnib	 Breakthrough Designation FDA Rare Pediatric Disease Designation FDA Orphan Designation US* & EU 	NDA & MAA Prep
	Post-Bariatric Hypoglycemia	Avexitide	 Breakthrough Designation FDA Orphan Designation US & EU 	Phase 2



VALUE CREATING CATALYSTS EXPECTED IN 2H 2019

Clinical and Regulatory Milestones Expected

Targeted Indication		Drug	Q3 2019	Q4 2019	
	Hepatitis Delta Virus	Lonafarnib + Ritonavir		Phase 3 Study and Dosing	
	Hepatitis Delta Virus	Peginterferon Lambda	THE L	Combo Study A A S L D IVER MEETING BER 8-12 2019 BOSTON Guidance	
	Progeria and Progeroid Laminopathies	Lonafarnib	NDA & MAA Submission Planned in Q4 2019		
	Post-Bariatric Hypoglycemia	Avexitide	FD A Guidance		

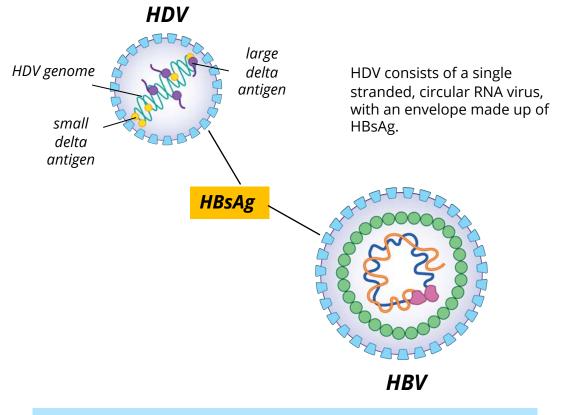




HEPATITIS DELTA VIRUS (HDV)

OVERVIEW

- HDV is the most severe form of human viral hepatitis
- HDV is always a co-infection with HBV
 - HBsAg acquired through protein prenylation
- 4-6% of HBV infected patients co-infected with HDV
- HDV causes more rapid disease progression
 - Compared to HBV mono-infection
- No FDA approved Rx
- 15-20 M HDV infected patients worldwide
 - > 100K HDV patients in US; > 200K HDV patients in EU
 - > 2 Million HDV patients in China

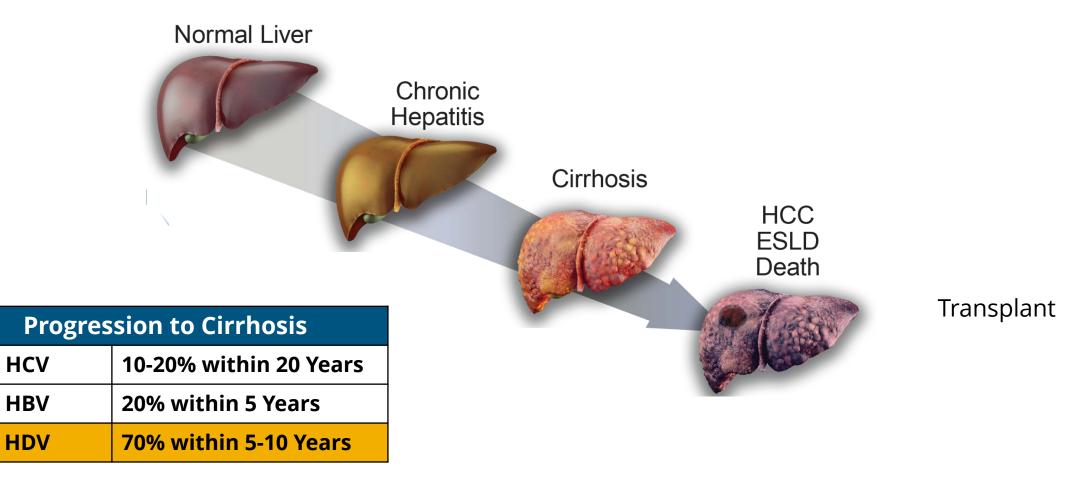


- HDV requires HBsAg to complete virus assembly
- HBsAg acquired through PROTEIN PRENYLATION



HDV: MOST RAPID PROGRESSION OF VIRAL HEPATITIS

50% of HDV-Infected Patients are Cirrhotic at Diagnosis

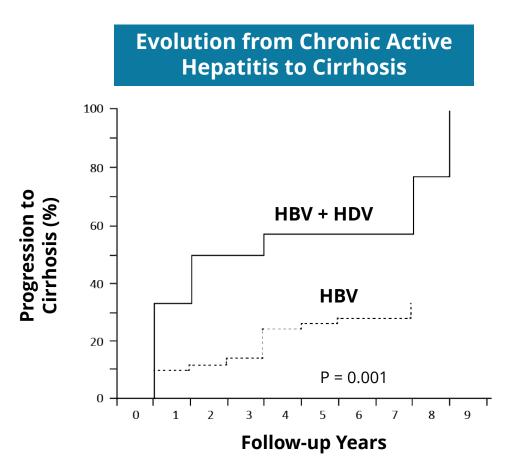


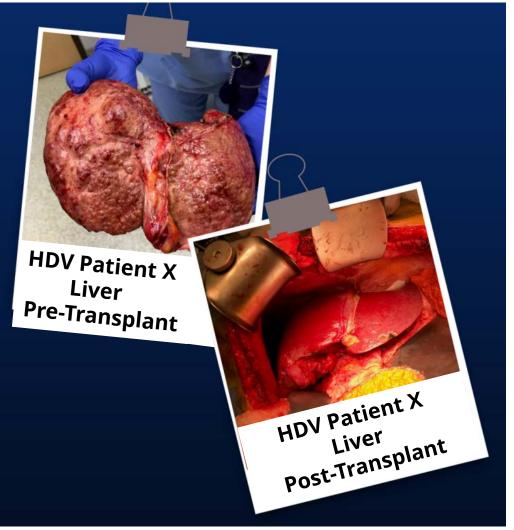
Nourredin et al, Curr. Gasterol. Rep 2013



HDV CAUSES MOST RAPID DISEASE PROGRESSION

At Diagnosis, >50% of HDV Patients Are Cirrhotic

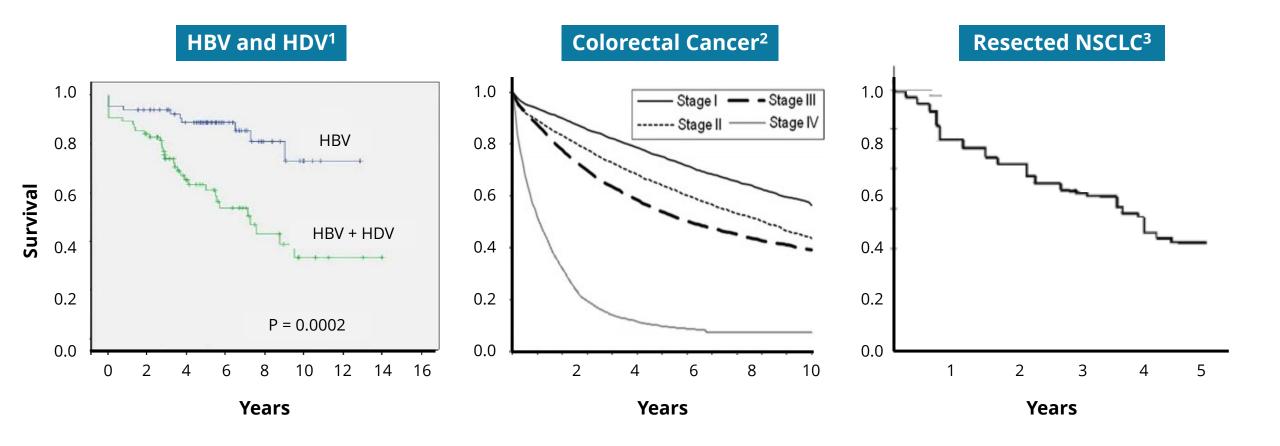




Fattovich et al, J Infect Dis, 1987; Fattovich et al, Gut, 2000.



SURVIVAL: HDV VS CANCER



¹Serrano et al, EASL **2011;** ²Cancer Causes Control, **2012**, 23:1421–1428; ³Cerfolio et al, Ann Thorac Surg, **2007**, 84:182–90



HBV THERAPIES DO NOT ERADICATE HDV

Targeting Functional Cure vs Sterilizing Cure

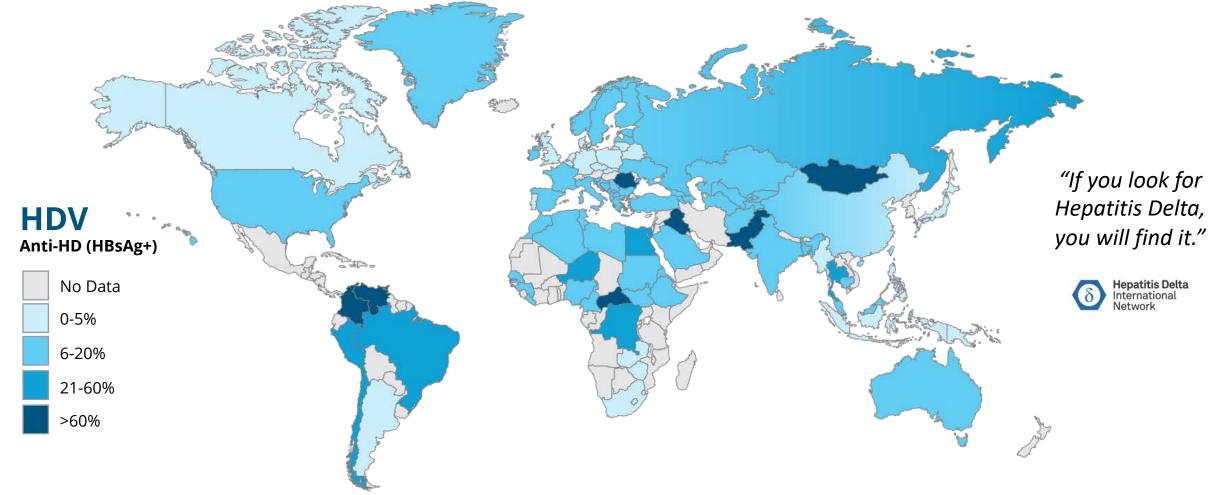
- Approved HBV nucleos(t)ide treatments only suppress HBV DNA
 - Do not affect HBsAg and have no impact on HDV
- Investigational HBV treatments target <u>functional cure</u>
 - Not expected to eliminate extra-hepatic reservoirs of HBsAg

HBV Functional Cure (If Achieved) Will Not Eradicate HDV



HDV WORLDWIDE PREVALENCE: 15-20 MILLION

6% of HBV Population Co-Infected with HDV





HDV CLINICAL COURSE AND OUTCOMES

HDV: A Devastating Disease with No Approved Treatment

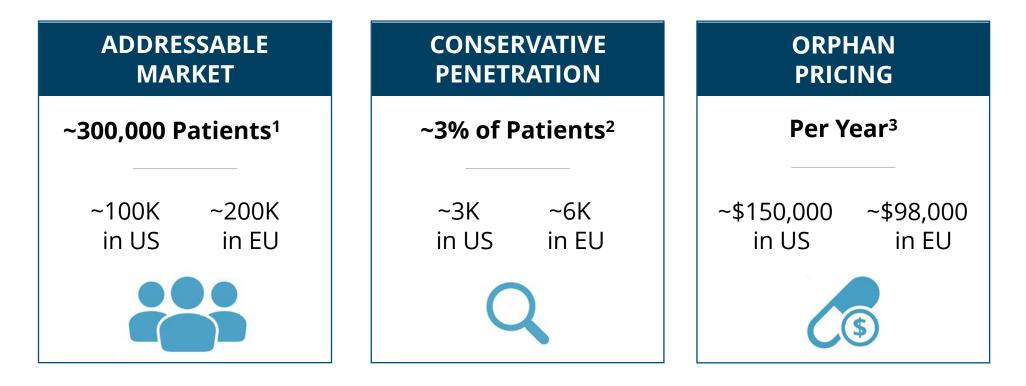


25% of People on Waiting List Die Each Year Before Receiving a Liver Transplant¹



HDV MARKET OPPORTUNITY

Conservative Market Penetration, Orphan Pricing



>\$1B Potential Peak Year Market Opportunity^{2,3}





QUEST DIAGNOSTICS LAUNCHES COMMERCIAL HDV RNA TEST

HDV RNA Quantification is Gold Standard in HDV Diagnosis and Management

- Leading provider of diagnostic services
- Over 2,200 patient service centers across the U.S.
- Highly targeted patient and physician outreach
- HDV testing program for HBV+ patients
- HDV RNA quantification and HBV/HDV reflex testing



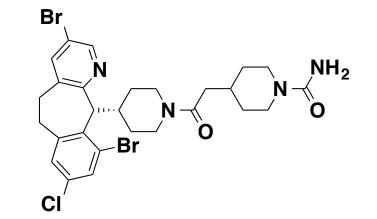




LONAFARNIB FOR HDV

First and Only <u>ORAL</u> Agent in Development for HDV

- Small molecule, first-in-class, oral, prenylation inhibitor
- Well-characterized through Phase 3
 - >2,000 patients dosed in oncology program by Merck (Schering)
 - Dose limiting toxicity is GI (class effect)
- Over 120 HDV patients dosed across international sites
- US & EU Orphan Designation, FDA Breakthrough Designation, EMA PRIME Designation
- Issued patent covering broad range of lonafarnib + ritonavir doses and durations
 - US, Europe, Japan, China and South Korea

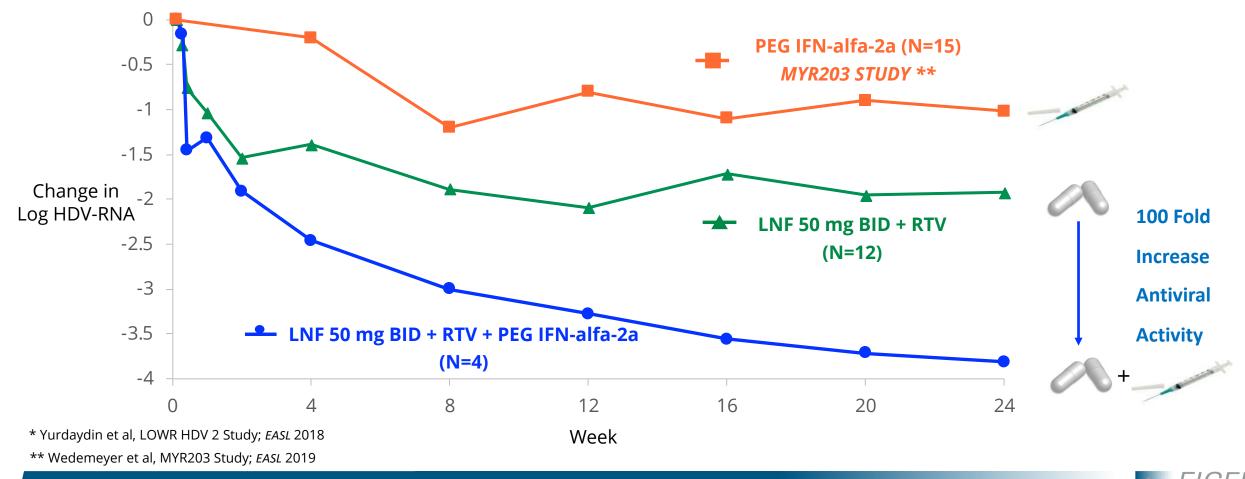






LONAFARNIB-BASED REGIMENS: ANTIVIRAL ACTIVITY

Compared to PEG-IFN-alfa-2a Alone



LONAFARNIB PHASE 2 HDV PROGRAM

Dose, Combinations and Endpoints Defined

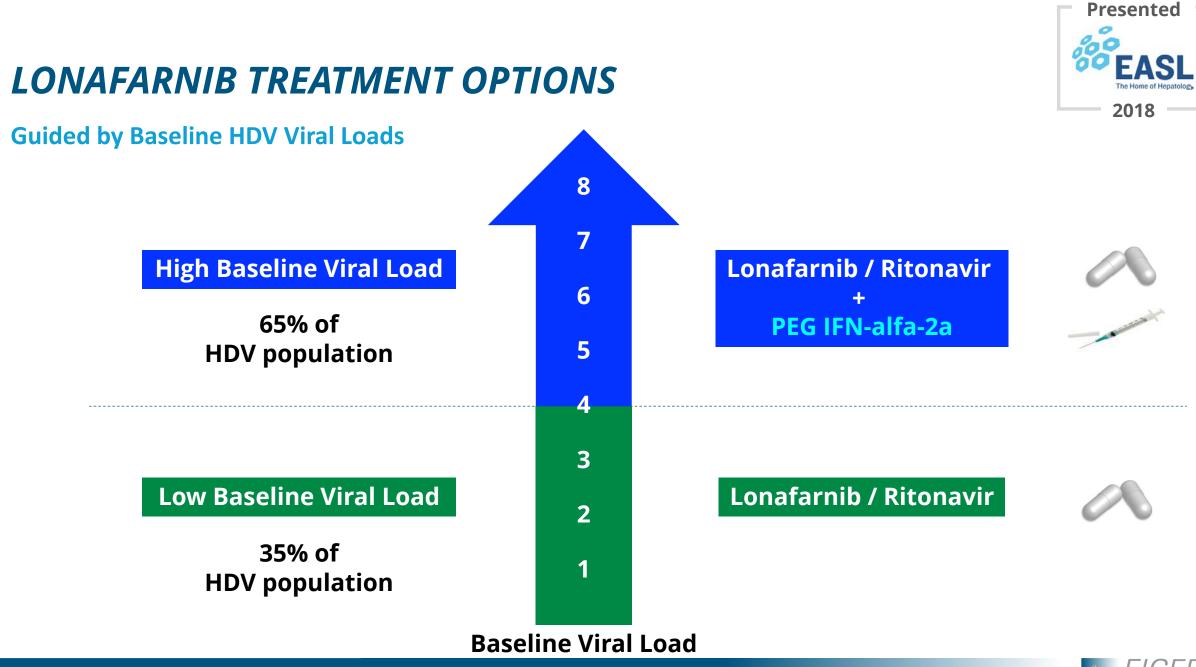
- <u>All-oral</u>: Lonafarnib boosted with Ritonavir
 - 33% (6 of 18) patients \geq 2 log decline or BLQ at Week 24
 - 47% (7 of 15) patients normalized ALT at Week 24
 - Composite endpoint: 29% (4 of 14)
- **<u>Combination</u>**: Lonafarnib boosted with Ritonavir + PEG IFN-alfa-2a
 - 78% (7 of 9) patients \geq 2 log decline or BLQ at Week 24
 - 88% (7 of 8) patients normalized ALT at Week 24
 - Composite endpoint: 63% (5 of 8)
- Predominant AEs were GI-related (mild / moderate)





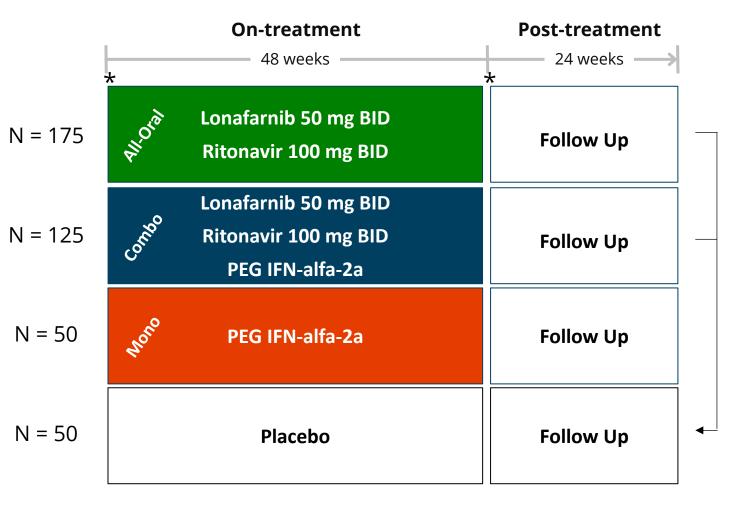






D-LIVR : PHASE 3 INTERNATIONAL STUDY

<u>D</u>elta-<u>Liver</u> <u>Improvement</u> and <u>Virologic</u> <u>Response</u> in HDV





Primary Endpoint at Week 48

≥ 2 log decline in HDV RNA
 +
 Normalization of ALT

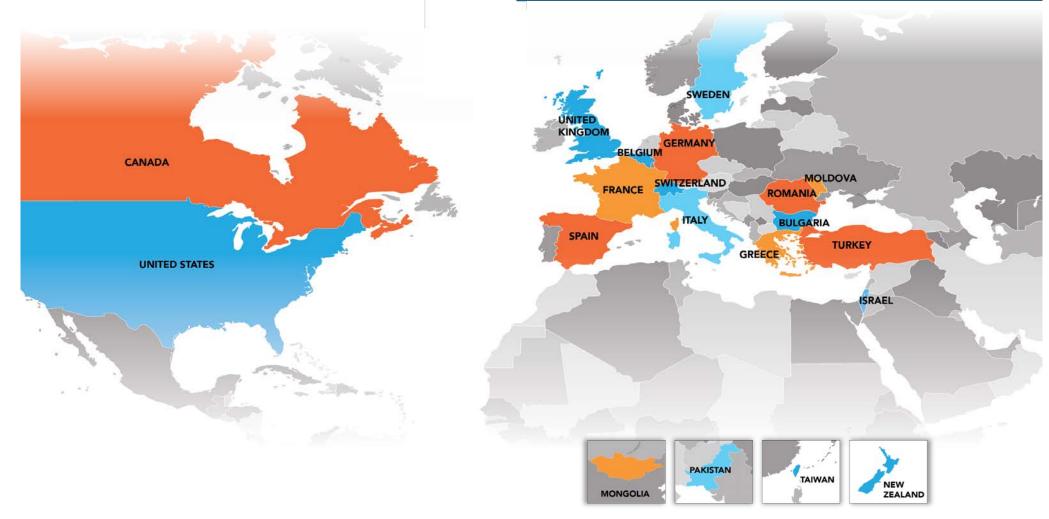
Secondary Endpoint at Week 48

- Histologic improvement
 - > 2 point improvement in HAI inflammatory score
 - \circ No progression in fibrosis
- Improvement of fibrosis





HDV PHASE 3 SITES 20 COUNTRIES | 105 SITES







WORKING TO CHANGE

THE FACE OF

HEPATITIS

DELTA

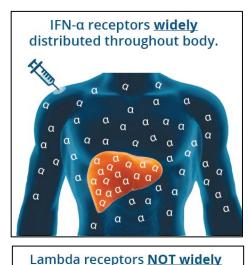
VIRUS



PEGYLATED INTERFERON LAMBDA

A Better Tolerated Interferon

- A novel first in class Type III interferon
- Binds to a unique receptor versus Type I interferons
 - Highly expressed on hepatocytes
 - Limited expression on hematopoietic cells and CNS cells
- Uses similar downstream signaling pathway as Type I interferons
- Greater than 3,000 patients in 17 clinical trials (HCV / HBV)
- Comparable antiviral activity with less of the typical IFN alfa related side effects*



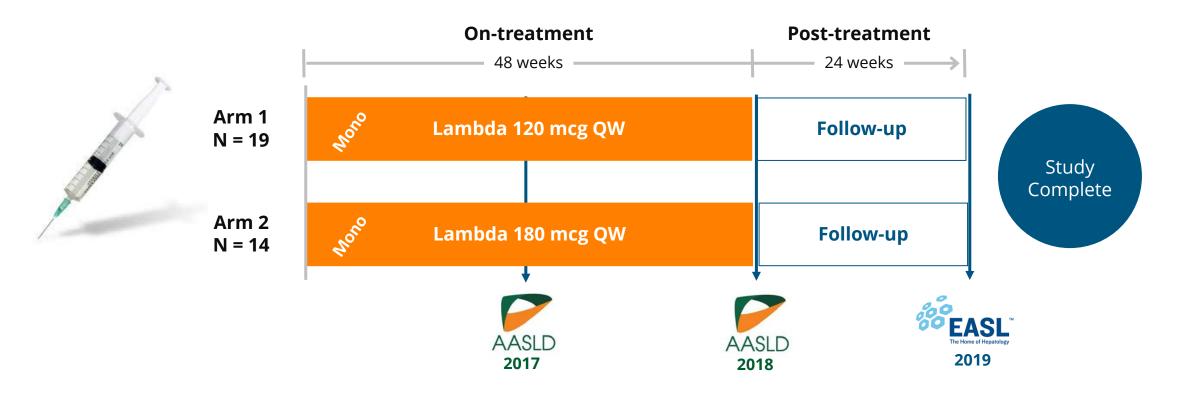
distributed throughout body.



^{*} Chan, HLY et al, J Hepatology 2016

LIMT: PHASE 2 LAMBDA MONOTHERAPY STUDY

A Better Tolerated Interferon for Monotherapy



Primary Endpoint:

- Secondary Endpoint:
- Evaluate Safety, Tolerability, Efficacy
- Proportion of Patients with HDV RNA BLQ 24 weeks after EOT



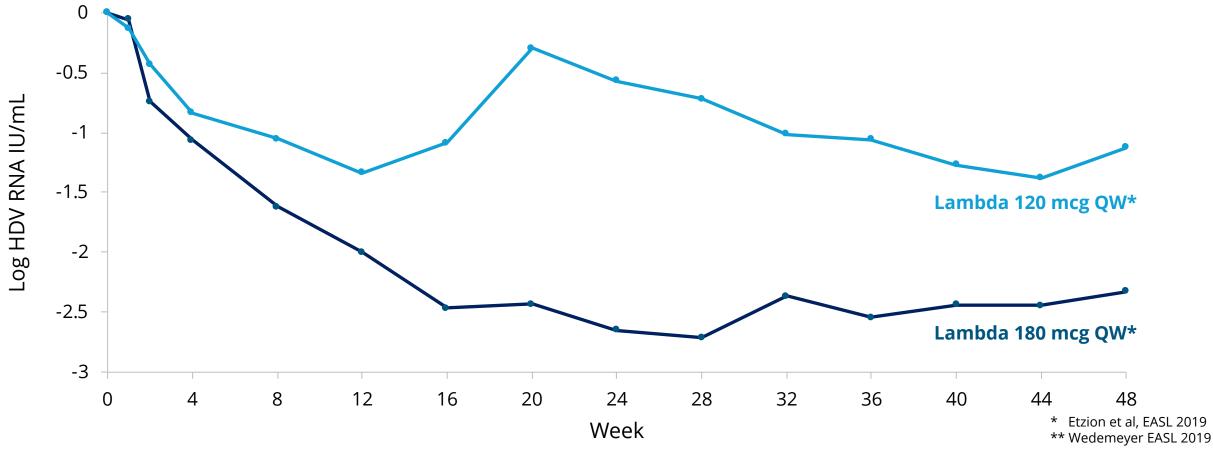
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2019

HDV-RNA REDUCTION WITH LAMBDA THRU WEEK 48

Lambda 180 mcg Better than Lambda 120 mcg



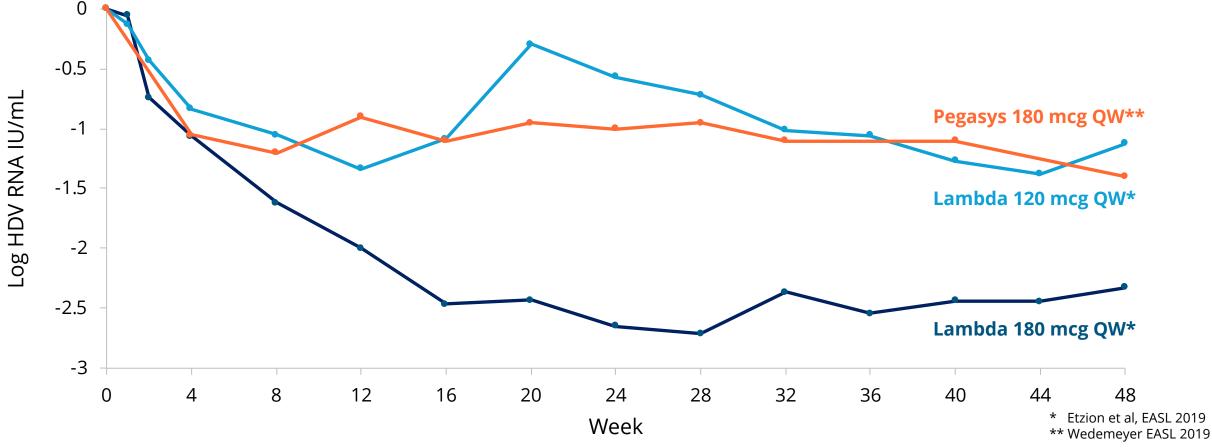
24 Robogene[®] 2.0 HDV RNA PCR assay used for Pegasys and Lambda data sets, LLOQ = 14 IU/mL

EIGER BIOPHARMACEUTICALS



HDV-RNA REDUCTION WITH LAMBDA THRU WEEK 48

Lambda 180 mcg Better than Alfa 180 mcg with Improved Tolerability



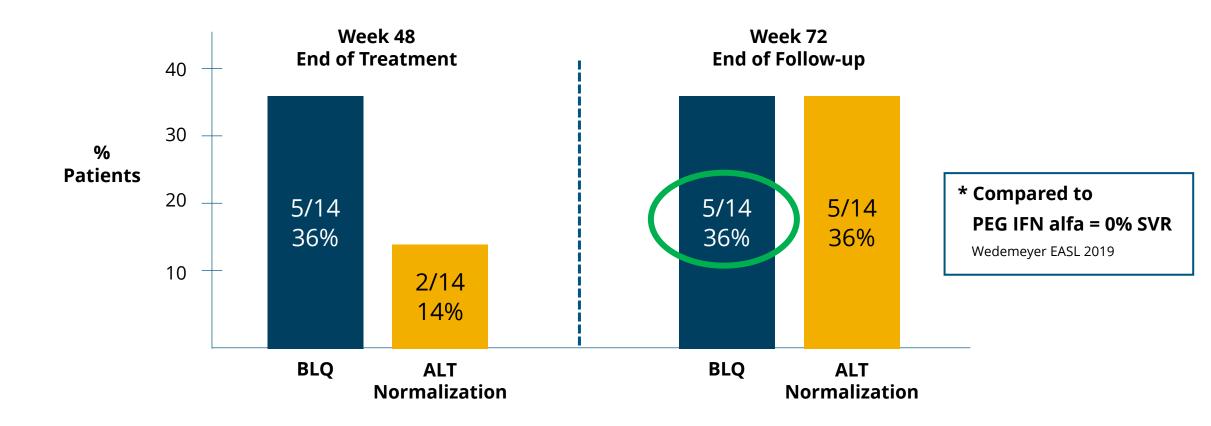
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EIGER



LAMBDA: 36% DURABLE VIROLOGIC RESPONSE (DVR)*

DVR Endpoint with Lambda Monotherapy to Be Discussed with Regulatory Agencies



Etzion et al, EASL 2019





LIFT: PHASE 2 LAMBDA COMBO WITH LONAFARNIB STUDY

A Better Tolerated Interferon for Combination



* biopsy

Primary Endpoint:

• \geq 2 Log HDV RNA reduction at EOT

Secondary Endpoint:

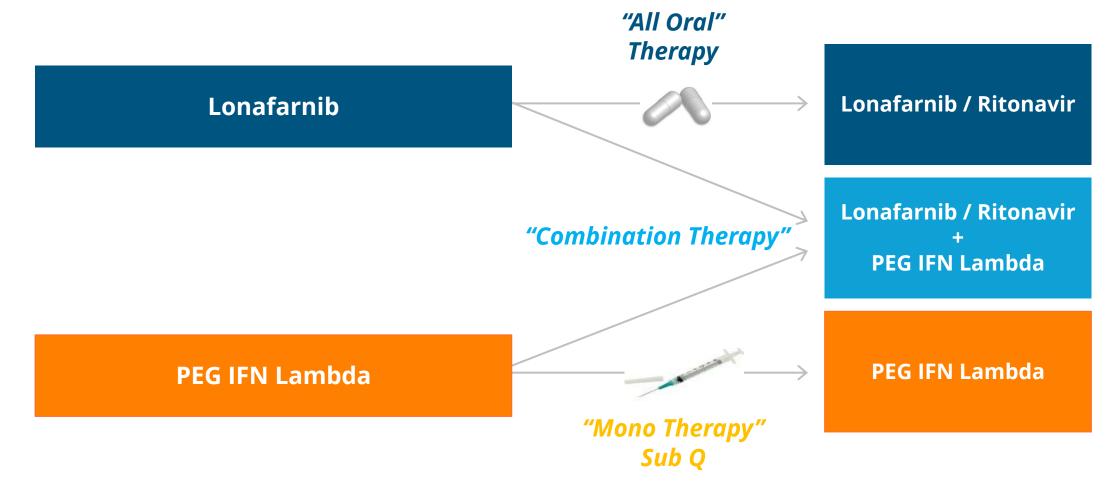
 Histological Improvement (biopsy confirmed)





FIRST-IN-CLASS TREATMENTS IN DEVELOPMENT FOR HDV

Multiple Options to Treat HDV







HUTCHINSON-GILFORD PROGERIA SYNDROME (PROGERIA)

OVERVIEW

- Ultra-rare, fatal, premature aging pediatric disease
- Point mutation in the Lamin A gene
 - Results in a farnesylated aberrant protein, Progerin
 - Disruption of scaffold structure of the nuclear membrane
- Accelerated atherosclerosis with cardiovascular decline
- Average lifespan = 14.5 years
- Prevalence of 1 in 20 million (~400 worldwide)
 - 1 child born each year in the US
- No FDA approved Rx
- >80 Children treated with lonafarnib

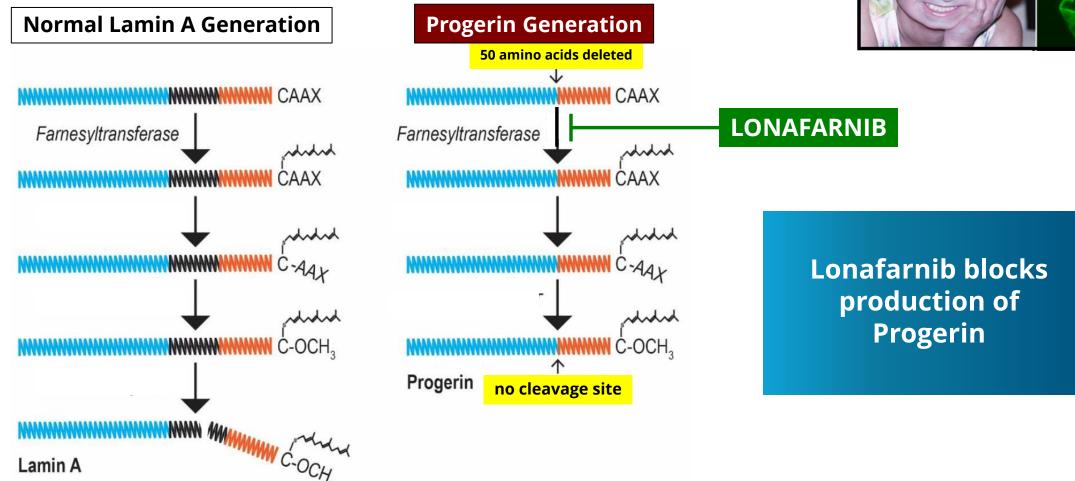


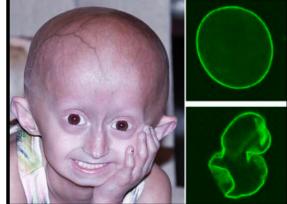


Berns Family Founders of The Progeria Research Foundation (PRF)

ACCUMULATION OF PROGERIN

Disrupts Cell Scaffold, Leads to Disfigurement of Nucleus









W/W PREVALENCE ~ 400 CHILDREN WITH PROGERIA

147 Identified Across 47 Countries Worldwide with Progeria and Progeroid Laminopathies



- Progeria* W/W = 114
- Progeroid Laminopathies** W/W = 33



- Progeria* US/EU = 32
- Progeroid Laminopathies** US/EU = 11

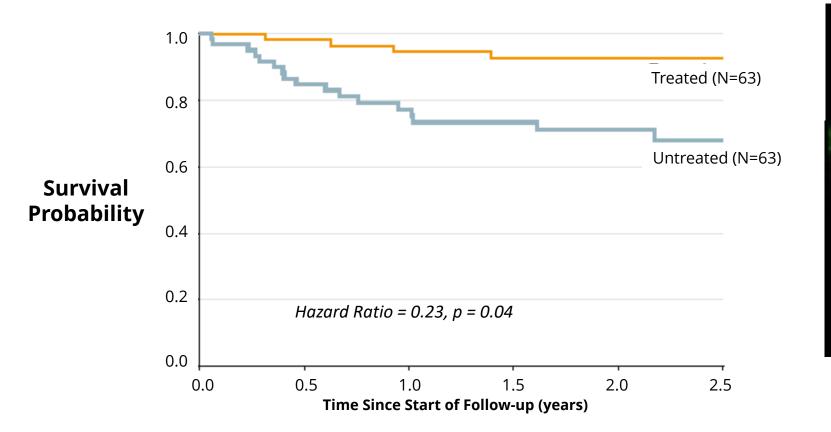


* Progeria (HGPS) patients have a progerin-producing mutation in the LMNA gene ** Progeroid Laminopathies have a mutation in the lamin pathway but do not produce progerin



LONAFARNIB IMPROVED SURVIVAL IN PROGERIA

77% Reduction in Risk of Mortality Compared to No Treatment





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Normal Cell

Progeria Cell

Progeria Cell After Treatment with Lonafarnib



PROGERIA AND HDV

Distinct Diseases, Distinct Treatment Regimens, Distinct Commercial Strategies





POST-BARIATRIC HYPOGLYCEMIA (PBH)



OVERVIEW

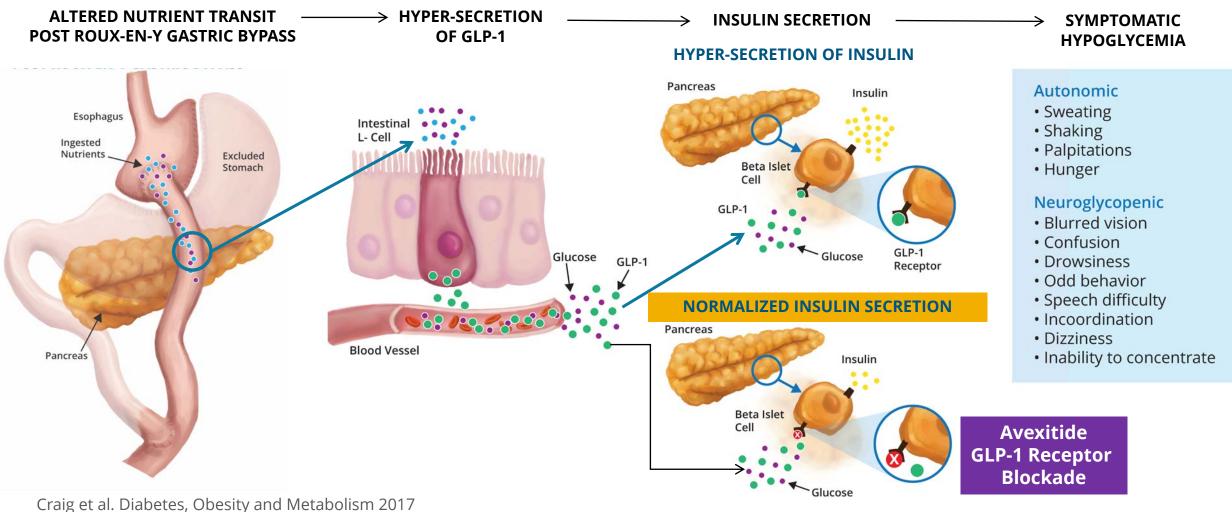
- Bariatric Surgery Increasing due to Morbid Obesity
 - ~200K US / ~100K EU in 2015*
 - Significant Impact: Weight Loss, Glycemic Control
 - Roux-en-Y Gastric Bypass ~35% of all procedures
- Postprandial Hypoglycemia: Serious Complication
 - Dangerously low blood sugar after meals
 - Impacts 5-10% of Roux-en-Y patients
- PBH estimated prevalence ~70K in US / EU
- No approved therapy



* American Society for Metabolic and Bariatric Surgery 2015

TARGETED BLOCKADE OF GLP-1

Designed to Normalize Insulin Secretion



AVEXITIDE: PROOF OF CONCEPT DEMONSTRATED IN PHASE 2

54 Patients Dosed in 4 Completed Clinical Studies with Avexitide

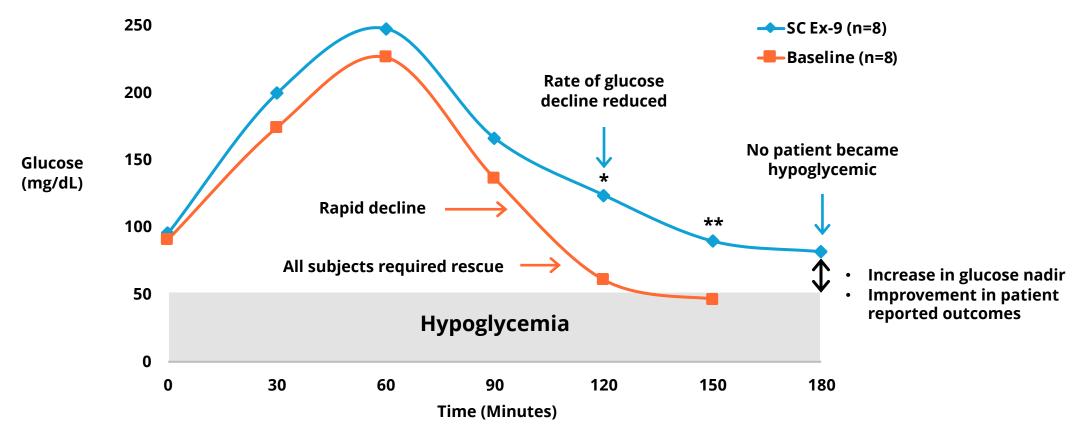
Study	# Patients	Duration of Dosing	Status
IV Infusion	8	Single dose	Published Diabetologia
Sub Q Injection SAD	8	Single dose	Presented at 2016 ADA American Diabetes Association. Published Diabetes, Obesity and Metabolism
Sub Q Injection MAD	20	Up to 3 days BID dosing	Presented at 2017 ADA American Diabetes Association
Sub Q Injection; Durability of Effect	18	28 days QD / BID dosing	Presented at 2019 ENDO



AVEXITIDE REDUCED PBH

Single Ascending Dose Study Results



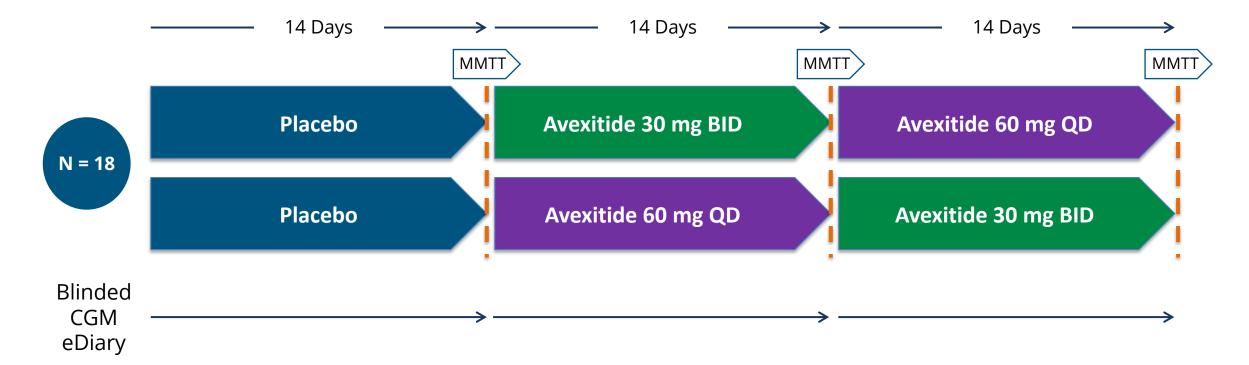


^{*} P<0.05, ** P<0.01 Craig C et al, Diabetes, Obesity and Metabolism 2017.



28-DAY, PHASE 2 STUDY

Goal: Demonstrate Durability of Effect, Define Dose, Safety, Tolerability



Primary Endpoint: Magnitude of postprandial hypoglycemia defined as the plasma glucose nadir during MMTT provocation





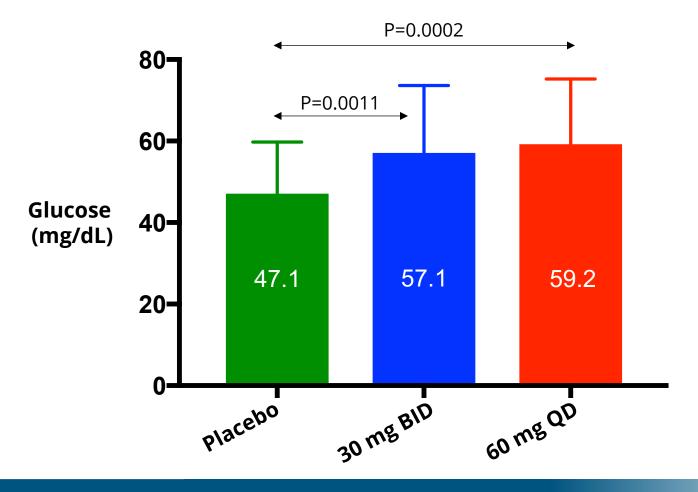
END 2019



END 2019 MARCH 23-26, 2019 NEW ORLEANS, LA

IMPROVED POSTPRANDIAL GLUCOSE NADIR

Primary Endpoint Achieved



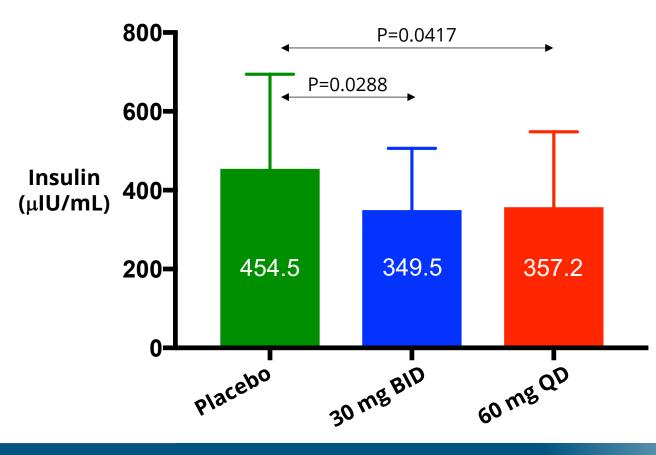




END 2019 MARCH 23-26, 2019 NEW ORLEANS, LA

REDUCED POSTPRANDIAL INSULIN PEAK

Secondary Endpoint Achieved







METABOLIC AND CLINICAL IMPROVEMENTS

END 2019 March 23-26, 2019 New Orleans, La

Reduction in Rates¹ of Hypoglycemia, Severe Hypoglycemia and Rescue by eDiary

	Number of Episodes in 14 Day Period		
	Placebo	Avexitide 30 mg BID	Avexitide 60 mg QD
Rate of Hypoglycemia ²	4.03	2.81	1.56
Change from Placebo	NA	-1.24 (p=0.0720)	-2.51 (p=0.0014)
Rate of Severe Hypoglycemia ³	2.36	1.45	0.99
Change from Placebo	NA	-0.89 (p=0.0267)	-1.35 (p=0.0020)
Rate of Rescue	4.87	3.34	1.83
Change from Placebo	N/A	-1.6 (p=0.0614)	-3.13 (p=0.0013)

¹ Rate is defined as number of episodes in a 14 day period

² Hypoglycemia is defined as hypoglycemia symptoms confirmed by SBGM concentrations of <70 mg/dL

³ Severe hypoglycemia is defined as neuroglycopenic symptoms confirmed by SBGM concentrations <55 mg/dL





SAFETY AND TOLERABILITY

- Avexitide was well-tolerated
- No treatment-related SAEs and no participant withdrawals
- AEs were typically mild to moderate in severity and transient
- Most common AEs were injection site bruising, nausea, headache
 - All occurred with higher frequency during placebo than active treatment
- Low occurrence of development of anti-drug antibodies (ADA)
 - 1 of 18 participants showed low positive titers for ADA
 - No associated AEs and no apparent effect on efficacy



VALUE CREATING CATALYSTS EXPECTED IN 2H 2019

Clinical and Regulatory Milestones Expected

Targete	ed Indication	Drug	Q3 2019	Q4 2019
	Hepatitis Delta Virus	Lonafarnib + Ritonavir		Phase 3 Study and Dosing
	Hepatitis Delta Virus	Peginterferon Lambda	THE L	Combo Study A A S L D IVER MEETING BER 8-12 2019 BOSTON ECOP2 ECOP2 ECOP2 ECOP2 ECOP2 ECOP2
	Progeria and Progeroid Laminopathies	Lonafarnib	NDA 8 Submission Pla	& MAA nned in Q4 2019
	Post-Bariatric Hypoglycemia	Avexitide	EOP2	



FINANCIAL SUMMARY: EIGR

Well Capitalized

Cash, Cash Equivalents and Investments

• \$125.3 M - June 30, 2019 (last reported)

Current Total Shares Outstanding

• 24.4 Million



EXPERIENCED MANAGEMENT

DAVID CORY, RPH, MBA	Business Founder President Chief Executive Officer	gsk InterMune Prestwick COTHERIX
SRI RYALI, MBA	Chief Financial Officer	a immune Jazz Pharmaceuticals ONYX AMCEN
STEPHANA PATTON, PHD, JD	General Counsel Corporate Secretary Chief Compliance Officer	Salixon biodelivery EBIOTIME
JIM SHAFFER, MBA	Chief Business Officer	VIENTINE NEW RIVER NEW RIVER PHARMACEUTICALS
JEYSEN YOGARATNAM, MB.BCH, BAO, MRCSED, PHD, MBA	Vice President Global HDV Clinical Development	Janssen MIF CR VERTEX Bristol-Myers Squibb
INGRID CHOONG, PHD	Vice President Operations	SUNESIS Berkeley
MATTHEW BRYANT, PHARMD	Vice President Medical Affairs	Theravance INTERMUNE Salix



SEASONED BOARD

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EVAN LOH, MD	Independent Director	Pfizer Wyeth Sparatek
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