UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d)
of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): June 1, 2021

BridgeBio Pharma, Inc.
(Exact name of registrant as specified in its charter)

Delaware	**001-38959**	**84-1850815**
(State or other jurisdiction of incorporation)	**(Commission File Number)**	**(IRS Employer Identification No.)**

421 Kipling Street **Palo Alto, CA**	**94301**
(Address of principal executive offices)	**(Zip Code)**

(650) 391-9740
(Registrant's telephone number, including area code)

Not Applicable
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common stock	**BBIO**	**The Nasdaq Global Select Market**

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Item 8.01 Other Events.

On June 1, 2021, BridgeBio Pharma, Inc. updated its corporate presentation. A copy of the presentation is attached hereto as Exhibit 99.1 and incorporated herein by reference.

(d) Exhibits.

Exhibit Number	Description
99.1	Corporate Presentation, dated June 1, 2021
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

BridgeBio Pharma, Inc.

Date: June 1, 2021

/s/ Brian C. Stephenson
Brian C. Stephenson
Chief Financial Officer

Exhibit 99.1

bridgebio

hope through
rigorous science

Corporate presentation

June 2021

Forward-Looking Statements and Disclaimer

Statements in this Presentation that are not statements of historical fact are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Such forward-looking statements include, without limitation, statements regarding BridgeBio Pharma, Inc.'s (the "Company's") research and clinical development plans, expected manufacturing capabilities, commercialization and general strategy, regulatory matters, market size and opportunity, future financial position, future revenue, projected costs, prospects, plans, objectives of management, and the Company's ability to complete certain milestones. Words such as "believe," "anticipate," "plan," "expect," "intend," "will," "may," "goal," "potential," "should," "could," "aim," "estimate," "predict," "continue" and similar expressions or the negative of these terms or other comparable terminology are intended to identify forward-looking statements, though not all forward-looking statements necessarily contain these identifying words. These forward-looking statements are neither forecasts, promises nor guarantees, and are based on the beliefs of the Company's management as well as assumptions made by and information currently available to the Company. Such statements reflect the current views of the Company with respect to future events and are subject to known and unknown risks, including business, regulatory, economic and competitive risks, uncertainties, contingencies and assumptions about the Company, including, without limitation, risks inherent in developing therapeutic products, the success, cost, and timing of the Company's product candidate development activities and ongoing and planned preclinical studies and clinical trials, including for its four (4) core value driver programs, the success and timing of clinical trial results, the success of its clinical trial designs, the fact that successful preliminary clinical trial results may not result in future clinical trial successes and/or product approvals, trends in the industry, the legal and regulatory framework for the industry, the success of the Company's engagement with the U.S. Food and Drug Administration ("FDA") and other regulatory agencies, the Company's ability to obtain and maintain regulatory approval for its product candidates and FDA-approved products, including NULIBRY™ (fosdenopterin) for the treatment of MoCD Type A and TRUSELTIQ™ (infigratinib) for the treatment of adults with previously treated, unresectable locally advanced or metastatic cholangiocarcinoma with a fibroblast growth factor receptor 2 (FGFR2) fusion or other rearrangement as detected by an FDA-approved test, the Company's ability to receive approval for and commercialize its product candidates and FDA-approved products, including NULIBRY and TRUSELTIQ, the success of current and future agreements with third parties in connection with the development or commercialization of the Company's product candidates and FDA-approved products, including NULIBRY and TRUSELTIQ, the size and growth potential of the market for the Company's product candidates and FDA-approved products, including NULIBRY and TRUSELTIQ, the accuracy of the Company's estimates regarding expenses, future revenue, future expenditures and needs for and ability to obtain additional financing, the Company's ability to obtain and maintain intellectual property protection for its product candidates and approved products, including NULIBRY and TRUSELTIQ, the potential for NULIBRY as the first and only FDA-approved therapy for MoCD Type A, the efficacy of each of NULIBRY and TRUSELTIQ, the safety profile of each of NULIBRY and TRUSELTIQ, plans for the supply, manufacturing and distribution of each of NULIBRY and TRUSELTIQ, the competitive environment and clinical and therapeutic potential of each of NULIBRY and TRUSELTIQ, potential adverse impacts due to the ongoing global COVID-19 pandemic such as delays in clinical trials, preclinical work, overall operations, regulatory review, manufacturing and supply chain interruptions, adverse effects on healthcare systems and disruption of the global economy, and those risks and uncertainties described under the heading "Risk Factors" in the Company's most recent Annual Report on Form 10-K filed with the U.S. Securities and Exchange Commission ("SEC") and in subsequent filings made by the Company with the SEC, which are available on the SEC's website at www.sec.gov. In light of these risks and uncertainties, many of which are beyond the Company's control, the events or circumstances referred to in the forward-looking statements, express or implied, may not occur. The actual results may vary from the anticipated results and the variations may be material. You are cautioned not to place undue reliance on these forward-looking statements, which speak to the Company's current beliefs and expectations only as of the date this Presentation is given. Except as required by law, the Company disclaims any intention or responsibility for updating or revising any forward-looking statements contained in this Presentation in the event of new information, future developments or otherwise. No representation is made as to the safety or effectiveness of the product candidates for the therapeutic use for which such product candidates are being studied.

Certain information contained in this Presentation relates to or is based on studies, publications, surveys and other data obtained from third-party sources and the Company's own internal estimates and research. While the Company believes these third-party sources to be reliable as of the date of this Presentation, it has not independently verified, and makes no representation as to the adequacy, fairness, accuracy or completeness of, any information obtained from third-party sources. In addition, all of the market data included in this Presentation involves a number of assumptions and limitations, and there can be no guarantee as to the accuracy or reliability of such assumptions. Finally, while the Company believes its own internal research is reliable, such research has not been verified by any independent source.

The Company is the owner of various trademarks, trade names and service marks. Certain other trademarks, trade names and service marks appearing in this Presentation are the property of third parties. Solely for convenience, the trademarks and trade names in this Presentation are referred to without the ® and ™ symbols, but such references should not be construed as any indicator that their respective owners will not assert, to the fullest extent under applicable law, their rights thereto.

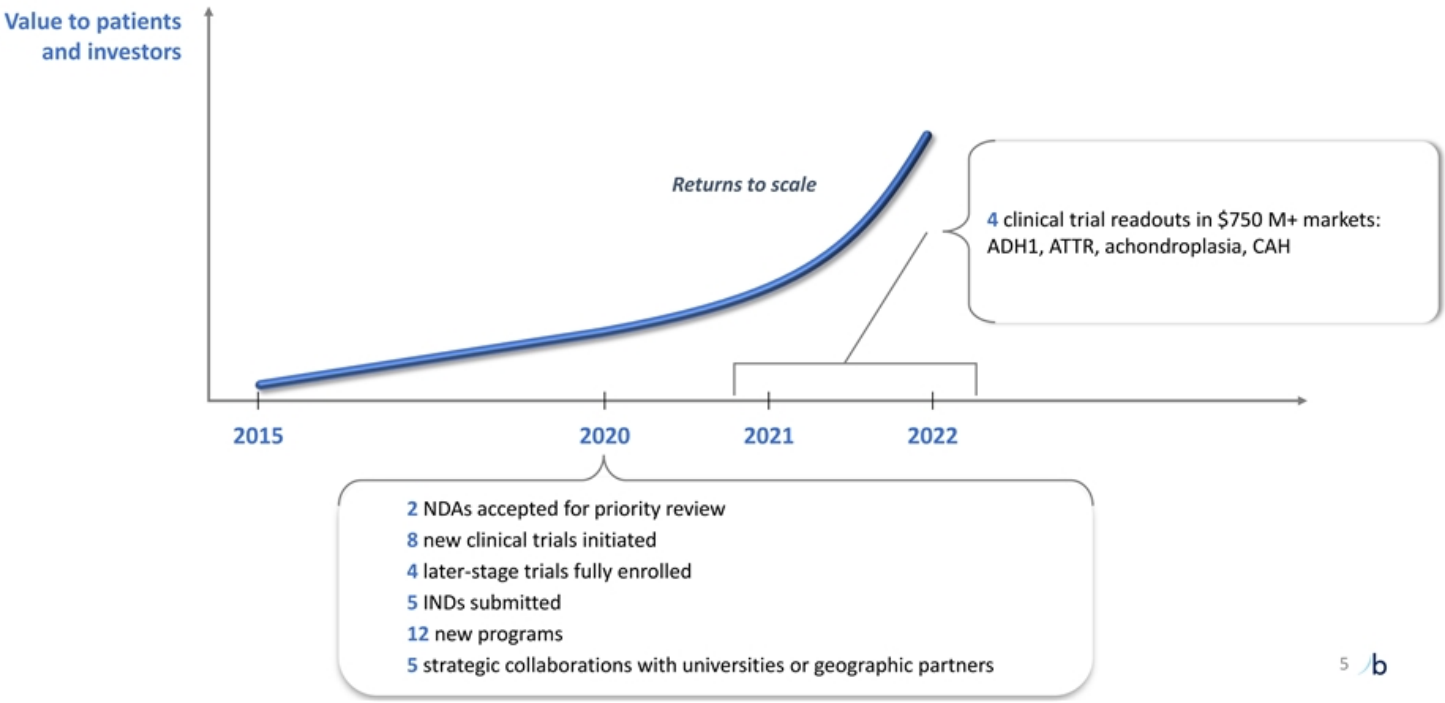
BridgeBio Pharma: Hope through rigorous science

Our mission: To **discover**, **create**, **test** and **deliver** transformative medicines to treat patients who suffer from genetic diseases and cancers with clear genetic drivers

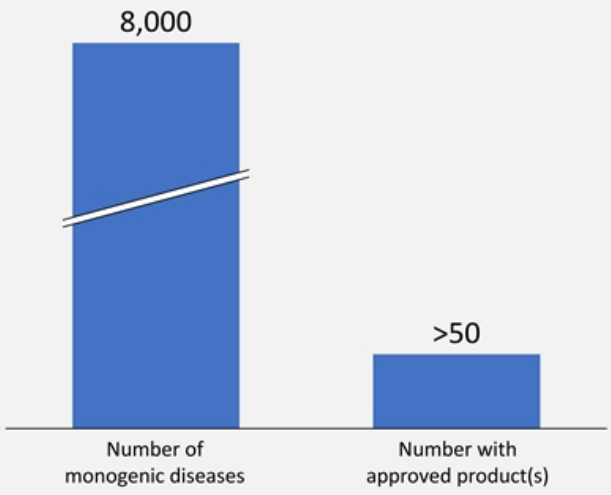
Our 2025 vision – A leading player in genetic medicine

- Multiple best-in-class or first-in-class products in blockbuster markets, with a total of 4+ NDAs on file
- Patient-centric global commercial infrastructure
- World-class drug discovery and development platform
- Broad network of >40 university partnerships
- Multiple therapeutic modalities, many diseases
- Deep pipeline of 30+ R&D programs

Context #1: 2021 is a critical year for BridgeBio



Context #2: The opportunity to help patients remains large



Thousands of distinct diseases requiring novel therapeutic options

8

$1B+ opportunities in the pipeline

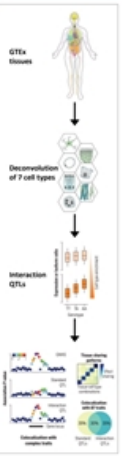
1) **Acoramidis** for ATTR CM and PN
2) **Low-dose infigratinib** for achondroplasia
3) **AAV5 gene therapy** for congenital adrenal hyperplasia
4) **High-dose infigratinib** for adjuvant urothelial carcinoma
5) **Pan-mutant KRAS inhibitor** for KRAS+ cancer
6) **SHP2 inhibitor** for RAS and kinase mutant cancer
7) **GPX4 inhibitor** for multiple tumor types
8) **GO1 inhibitor** for frequent kidney stone formers

Context #3: Still Day 1 for innovation within genetic medicine

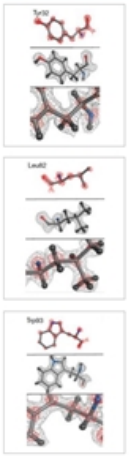
Macromolecules

DNA
- gnomAD
- ENCODE3

RNA
- GTEx
- Single cell sequencing advances

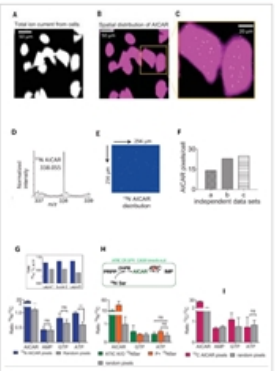


Protein
- CryoEM
- DeepMind



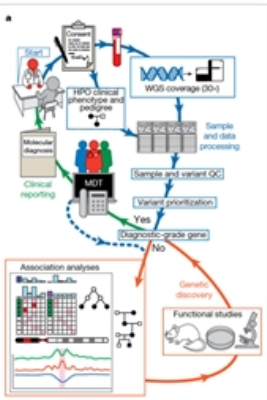
Molecular Systems

- Mass spectrometry + metabolomics give us 1st snap of purine bio-synthesis



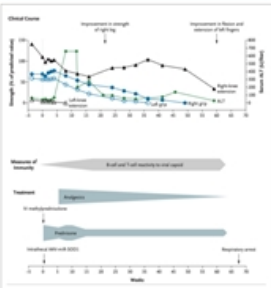
Clinical Diagnosis

- Whole genome sequencing of rare disease patients in UK Biobank
- Expanded sequencing led to novel causal variants in 28 genetic disorders



New Therapeutic Modalities

- Antisense oligonucleotides coming of age
- Gene therapy continues maturing



16 FDA approvals for drugs targeting rare genetic diseases or genetically defined cancers in 2020

Product platform: Our drug engineering platform leverages and efficiently translates innovation to therapies that matter

Discover

Novel genetic disease targets

Computational genomics, systemic disease mapping, broad network of academic partnerships

Create

Medicines with industry-leading research capabilities

Molecular dynamics assisted chemistry, gene therapy, therapeutic proteins, antisense oligos

Test

Our drugs through global development footprint

20 ongoing trials across >450 sites and 26 countries, central operations toolkit and analytics

Deliver

Our products to patients through commercial infrastructure

Global infrastructure, diagnostics, patient support, disease state awareness

Product platform: BridgeBio is a people and a process

Discover

Scientific insight and judgment from industry leaders with a proven track record

Charles Homcy, MD
Founder and Chairman of Pharmaceuticals
MyoKardia GBT

Frank McCormick, PhD
Founder and Chairman of Oncology
ONYX UCSF

Richard Scheller, PhD
Chairman of R&D
Genentech 23andMe

Len Post, PhD
Advisor
BIOMARIN LEAD THERAPEUTICS

Phil Reilly, MD, JD
Advisor
THIRD ROCK bluebirdbio

Create

Experienced team of R&D operators responsible for 100+ INDs and 20+ approved products

Mendelian

Uma Sinha, PhD
Chief Scientific Officer
GBT PORTOLA

Robert Zamboni, PhD
Chemistry
MERCK FROSST

Oncology

Eli Wallace, PhD
Chief Scientific Officer, Oncology
Peloton Therapeutics ARRAY BIOPHARMA

Pedro Beltran, PhD
SVP, Oncology
AMGEN UNITY BIOTECHNOLOGY

Susan Moran, MD
Chief Medical Officer, QED Therapeutics
genzyme

Our pipeline spans multiple therapeutic areas with numerous upside opportunities

Small molecule | Topical small molecule | Biologics | Antisense oligo | Gene therapy

Portfolio segment	Program	Drug mechanism	Diseases	Patient pop. (US+EU)	Modality	Preclinical: Discovery	Preclinical: IND-enabling	Clinical: Phase1	Clinical: Phase 2	Clinical: Phase 3
Mendelian	**Acoramidis**	TTR stabilizer	ATTR-CM	>400K	Small molecule					
	NULIBRY™ (fosdenopterin)	cPMP replacement	MoCD type A	100	Small molecule					Approved
	Infigratinib	Low-dose FGFR1-3i	Achondroplasia	55K	Small molecule					
	Encaleret	CaSR antagonist	ADH1 / HP	12K[1] / 200K	Small molecule					
	BBP-418	Glycosylation substrate	LGMD2i	7K	Small molecule					
	BBP-671	PanK activator	PKAN / OA	7K	Small molecule					
	BBP-711	GO1 inhibitor	PH1 / FSF	5K / 1.5M	Small molecule					
	BBP-472	PI3Kβi	PTEN autism	120K	Small molecule					
	4 undisclosed small molecule programs			>500K	Small molecule					
	4 undisclosed antisense oligonucleotide programs			>300K	Antisense oligo					
Genetic Derm	**BBP-589**	Recombinant COL7	RDEB	1.5K	Biologics					
	BBP-681	Topical PI3Kai	VM / LM	117K	Topical small molecule					
	BBP-561	Topical KLK 5/7i	Netherton	11K	Topical small molecule					
Targeted Oncology	**TRUSELTIQ™ (infigratinib)**	FGFR1-3i	3 FGFR+ tumor programs[2]	37K	Small molecule					Approved
	BBP-398	SHP2i	Multiple tumors	>500K	Small molecule					
	BBP-454	Pan-mutant KRASi	3 KRAS+ tumors programs	>500K	Small molecule					
	BBP-954	GPX4i	Multiple tumors	>500K	Small molecule					
Gene Therapy	**BBP-631**	21-OH gene therapy	CAH	>75K	Gene therapy					
	BBP-812	ASPA gene therapy	Canavan	1K	Gene therapy					
	BBP-815	TMC1 gene therapy	Genetic hearing loss	10K	Gene therapy					
	4 undisclosed AAV gene therapy programs			150K	Gene therapy					

1 US carriers
2 Truseltiq approved for 2L+ CCA

Product pipeline: Layers of de-risking and upside

Future pipeline catalysts and long-term growth

Targeted oncology (FGFR3 in UC, SHP2, KRAS) | **Common mendelian** (LGMD2i, RDEB, PKAN, VM)

Validation of asset picking and execution

Near-term major catalysts from 4 core value drivers
(ATTR, ADH1, achondroplasia, CAH)

Proving ground and revenue

2 FDA approvals in 2021

Nulibry (fosdenopterin) for injection — *MoCD Type A*

TRUSELTIQ (infigratinib) capsules — *2L+ CCA*

Assumes achievement of anticipated milestones

Significant milestones for BridgeBio in the next 12 months

Growth potential this year:

- Positive pivotal data in a multi-billion market
- Positive POC data in multiple blockbuster indications
- Transition to commercial-stage biopharma company

Assumes achievement of anticipated milestones

Art
ATTR-CM patient

Acoramidis (AG10) for transthyretin (TTR) amyloidosis (ATTR)

ATTR overview

Prevalence
400,000+ worldwide, largely undiagnosed today

Genetic driver
Destabilizing TTR variants or factors of aging, leading to amyloid accumulation

Pathophysiology
Systemic disease most commonly presenting as cardiomyopathy or peripheral neuropathy

Features of a potential best-in-class medicine for ATTR

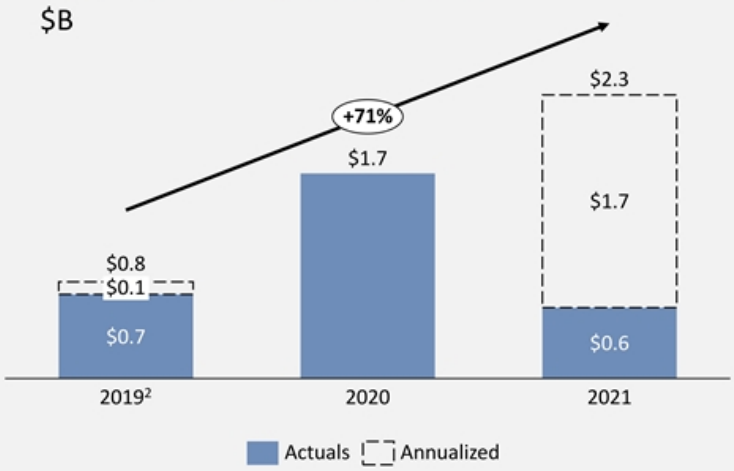
Near-complete stabilization of TTR, preventing the formation of amyloid deposits

Preserve TTR tetramer, which has known beneficial roles and is highly evolutionarily conserved

Oral dosing, a convenient and flexible solution for ATTR patients and their families

In under two years, ATTR is already a $2B+ market with major upside potential

Global annual ATTR market sales[1]

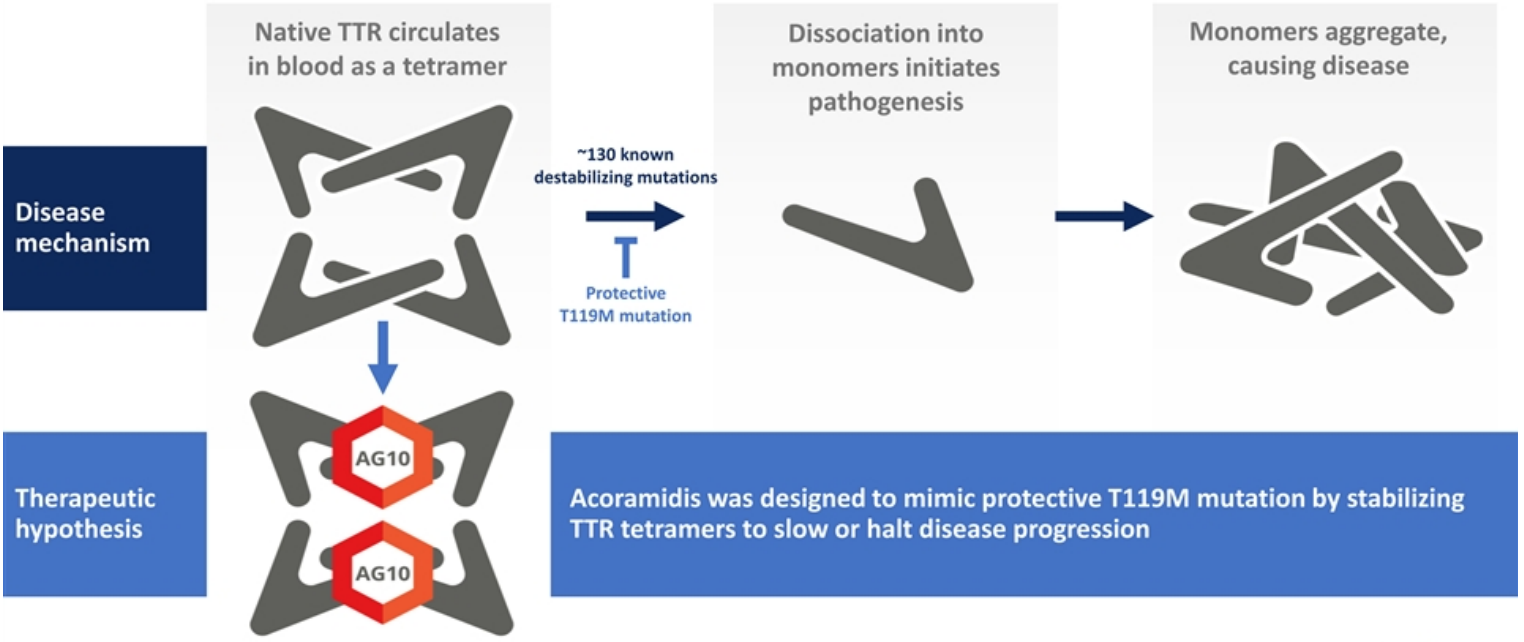


Significant potential future ATTR market growth driven by:

- Increasing diagnosis in established geographies
  (23.5K patients diagnosed in US is a fraction of >400K global prevalence)
- Patient finding in new geographies

[1]ATTR market includes all approved drugs for ATTR-PN and ATTR-CM, Includes sales from Waylivra
[2]First ATTR-CM sales occurred in Q2 2019

Acoramidis was designed to treat ATTR at its source

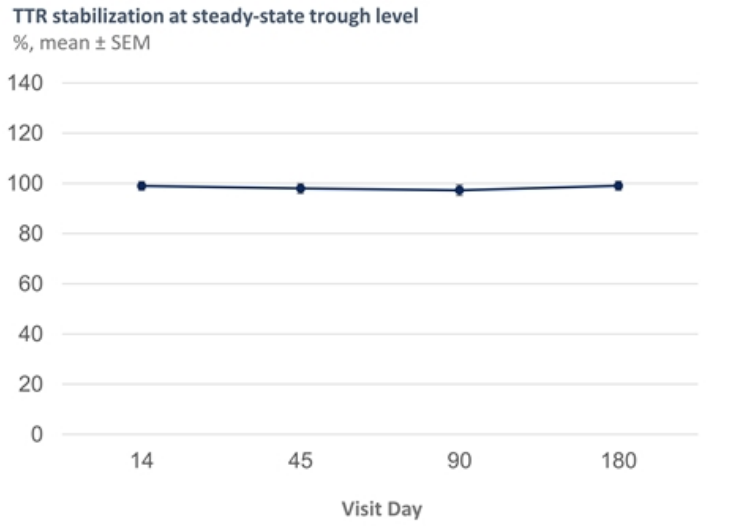


Acoramidis has been well-tolerated and demonstrated near-complete TTR stabilization in preclinical, Phase 1, and Phase 2 studies

Phase 2 safety summary[1]

	Placebo N = 17	Acoramidis (pooled doses) N = 32
Any Adverse Event	**15 (88%)**	**21 (66%)**
Mild	6 (35%)	11 (34%)
Moderate	8 (47%)	9 (28%)
Severe	1 (6%)	1 (3%)
Any Serious Adverse Event	**2 (12%)**	**1 (3%)**
AF and CHF	1 (6%)[1]	0
Leg cellulitis	1 (6%)	0
Dyspnea	0	1 (3%)

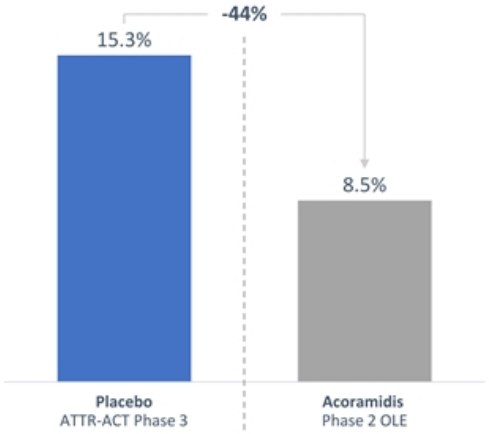
Phase 2 TTR stabilization[2]



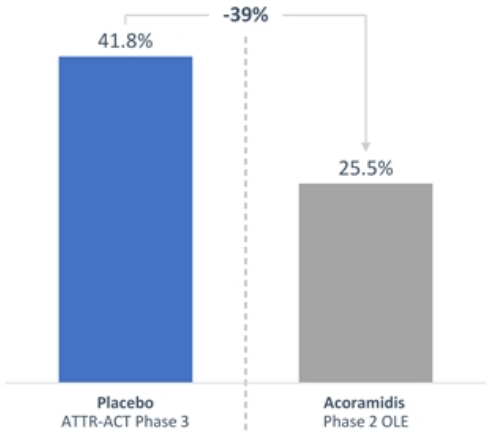
1 Judge, D.P. et al., JACC Vol. 74, No. 3, 2019:285 – 95
2 Judge, D.P. et al., American Heart Association 2019

Deaths and CV hospitalizations reported in acoramidis Phase 2 OLE were lower than in placebo-treated ATTR-ACT participants

All-cause mortality at 15 months
Participants died or receiving transplant (%)

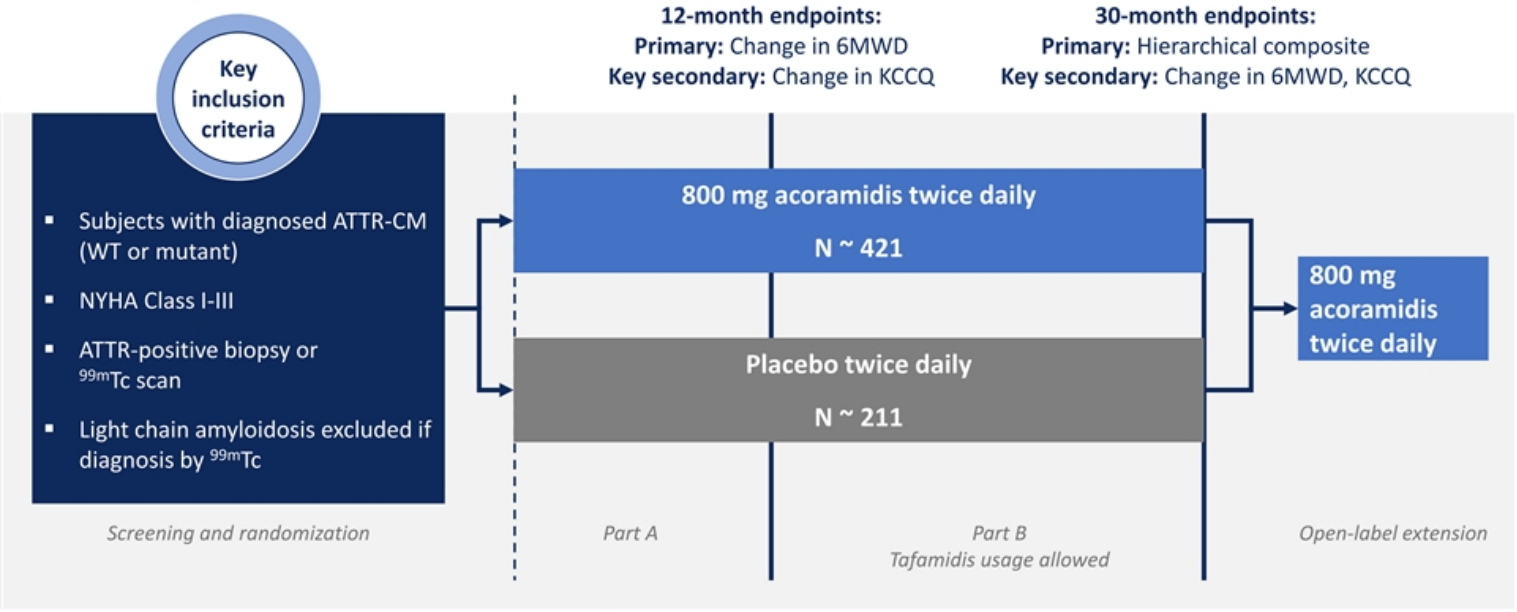


Cardiovascular hospitalizations at 15 months
Participants with ≥1 CV hospitalization (%)



1 Based on routine adverse event reporting
Note: These data are based on a cross-trial comparison and not a randomized clinical trial. As a result, the values shown may not be directly comparable
Source: Judge, DP et al., American Heart Association Scientific Sessions 2019

ATTRibute-CM will provide 12-month functional outcome data and 30-month mortality and CV hospitalization data



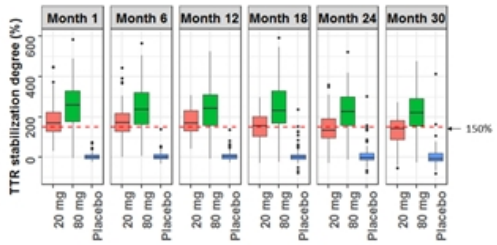
6MWD = Six-minute walk distance KCCQ = Kansas City Cardiomyopathy Questionnaire NYHA = New York Heart Association
^{99m}Tc = Technetium labeled pyrophosphate (PYP) or bisphosphonate (e.g., DPD)
CV = cardiovascular-related

Higher dose of tafamidis demonstrated increased TTR stabilization and greater clinical benefit in ATTR-ACT + LTE

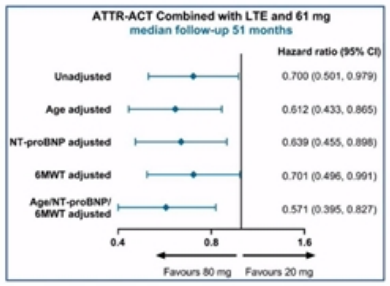
Phase 3 ATTR-ACT study tested two doses of tafamidis (20 mg & 80 mg) vs. placebo

- In an analysis of ATTR-ACT combined with long-term extension (LTE), benefit of tafamidis 80 mg vs. 20 mg was evident on all-cause mortality[1]
- At baseline, ATTR-ACT participants treated with 80 mg of tafamidis were older and had more severe evidence of disease than those treated with 20 mg of tafamidis[1]
- Participants receiving 80 mg of tafamidis (vs. 20 mg) exhibited greater TTR stabilization[2]

TTR stabilization[2]



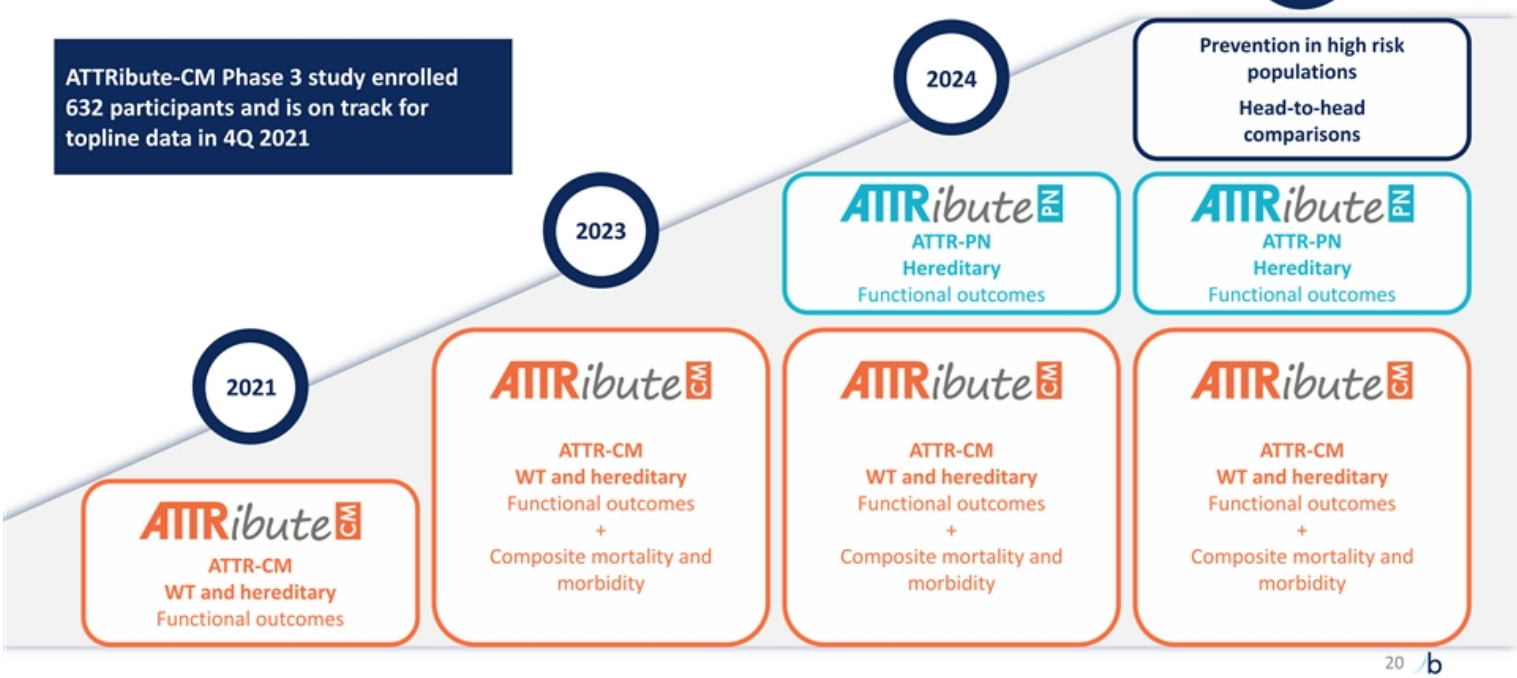
All-cause mortality[1]



Increased levels of TTR stabilization may translate to improved clinical outcomes in ATTR-CM

1. Damy, T., ESC Heart Failure Association Discoveries 2020. "The Tafamidis in Transthyretin Cardiomyopathy Clinical Trial"
2. FDA CDER Clinical Pharmacology and Biopharmaceutics, Clinical Review (Vyndaqel/Vyndamax), 2019; Fourfold increase in tafamidis dose did not lead to a fourfold increase in TTR stabilization due to non-linear pharmacokinetics

Ongoing and planned studies of acoramidis aim to continually expand clinical evidence and addressable patient population



Alexis and Jackson
ADH1 patients

Encaleret for autosomal dominant hypocalcemia type 1 (ADH1) overview

ADH1 overview

Prevalence

12K individuals harboring variants in US[1]

Genetic driver

Calcium-sensing receptor (CaSR) hyperactivation

Pathophysiology

Decreased blood calcium, elevated urine calcium, and lower parathyroid hormone secretion [2]

Features of a potential best-in-class medicine for ADH1

Direct targeting of CaSR

Normalization of all downstream effects of CaSR hyperactivity

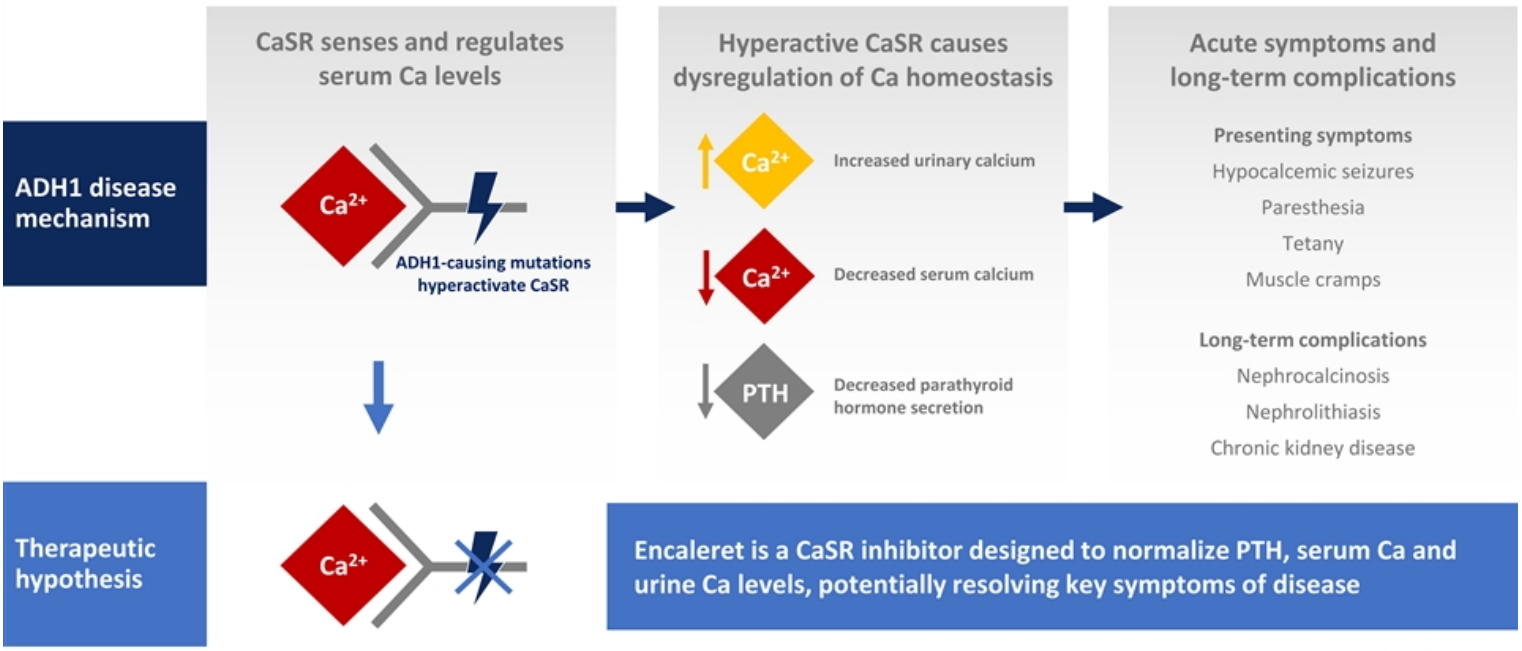
Potential to address most common symptoms

arising from altered calcium and parathyroid hormone dysregulation

Oral dosing, the first targeted therapy for ADH1 in a convenient form for patients and families

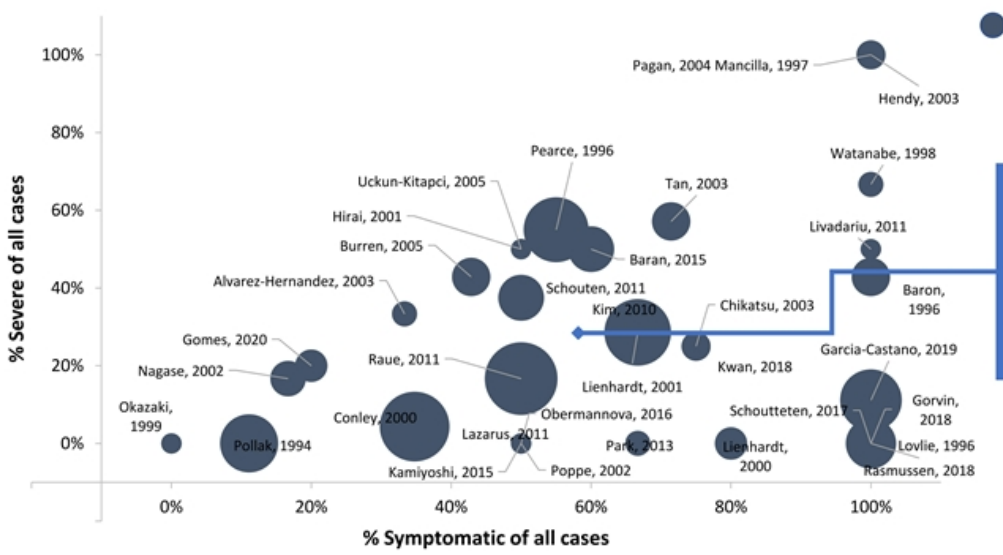
1 Dershem et al., Amer Jour of Hum Genetics, 2020; 2 Lienhardt, et al., JCEM, 2001

Encaleret is designed to treat ADH1 at its source by normalizing CaSR sensitivity



Majority of ADH1 patients are symptomatic including one third with severe symptoms

Meta-analysis of published ADH1 case reports

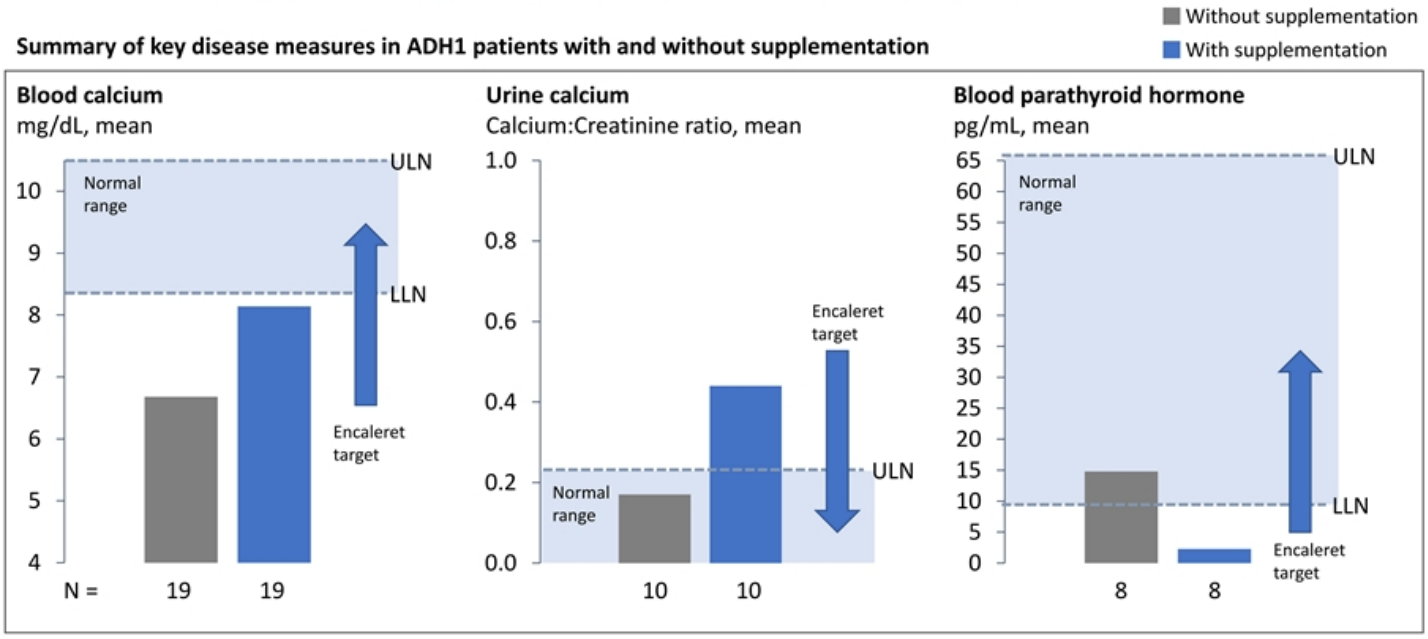


In aggregate, ~60% of familial ADH1 cases experienced hypocalcemia-related symptoms with one-third experiencing severe symptoms

Source: 31 published reports, cumulatively 252 confirmed ADH1 cases over 24 years

Current therapy for ADH1 (oral calcium, activated Vitamin D) raises blood Ca but does not address disease mechanism; increases UCa, suppresses PTH

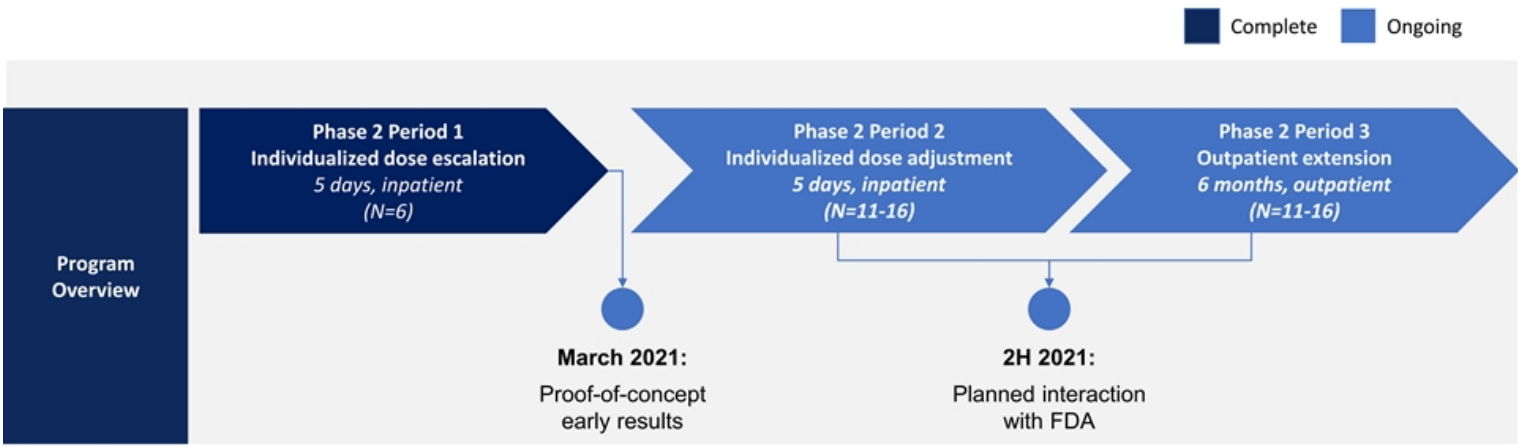
Summary of key disease measures in ADH1 patients with and without supplementation



ULN = upper limit of normal, LLN = lower limit of normal

Source: Pearce et al., Clin Endocrinol (Oxf).1996. PTH values reported as below detection limit or undetectable were recorded as "0"

Encaleret Phase 2 study design



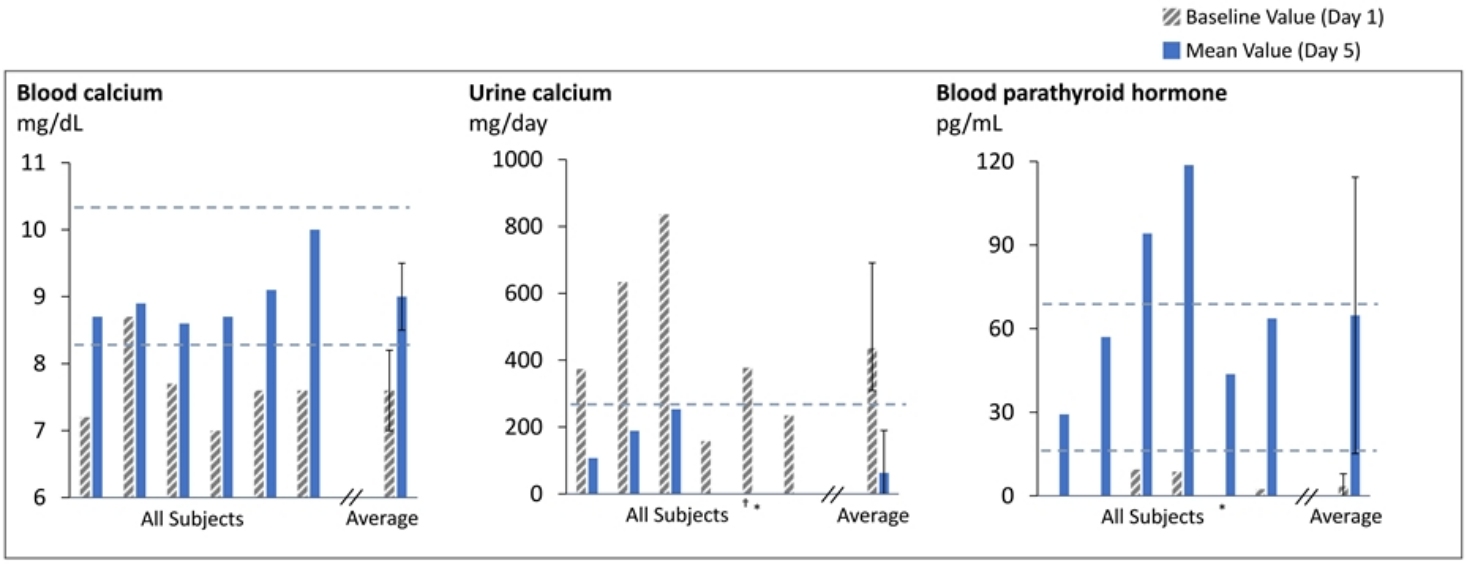
Key study objectives:

- **Safety and tolerability**
- **Blood calcium concentration**
- **Urine calcium concentration**
- **Intact parathyroid hormone concentration**

Additional measures

- Blood 1,25-$(OH)_2$ Vitamin D, magnesium, and phosphate
- Urine creatinine, cAMP, citrate, phosphate, sodium, magnesium
- Bone turnover markers (serum collagen C-telopeptide, serum procollagen Type 1 N-propeptide)

All trial participants had normal blood and urine calcium by Day 5



*Values below limit of assay quantitation recorded as "0" † Day 4 values used in two subjects given Day 5 values unavailable
† Dashed lines reflect normal ranges

Encaleret Ph baseline characteristics

Characteristic	Encaleret N = 6	*Normal Range*
Age, mean (range)	40 (22-60)	
Female, n (%)	3 (50%)	
Nephrocalcinosis, n (%)	4 (67%)	
ECG QT_cB (msec)	452 ± 9	*< 440*
Corrected Calcium (mg/dL)*	7.6 ± 0.6	*8.4 –10.2*
Intact PTH (pg/mL)*	3.4 ± 4.5	*15 – 65*
Phosphate (mg/dL)*	4.5 ± 0.7	*2.5 – 4.5*
Magnesium (mg/dL)*	1.6 ± 0.4	*1.6 – 2.6*
24h Urine Calcium (mg/24h)	436 ± 255	*< 250-300*
Supplements		
Elemental Calcium (mg/day) [mean (range)]	2317 (800-4000)	
Calcitriol (µg/day) [mean (range)]	0.9 (0.5-2.0)	
***CASR* Variants**	C131Y (2), P221L (2), E604K (1), A840V (1)	

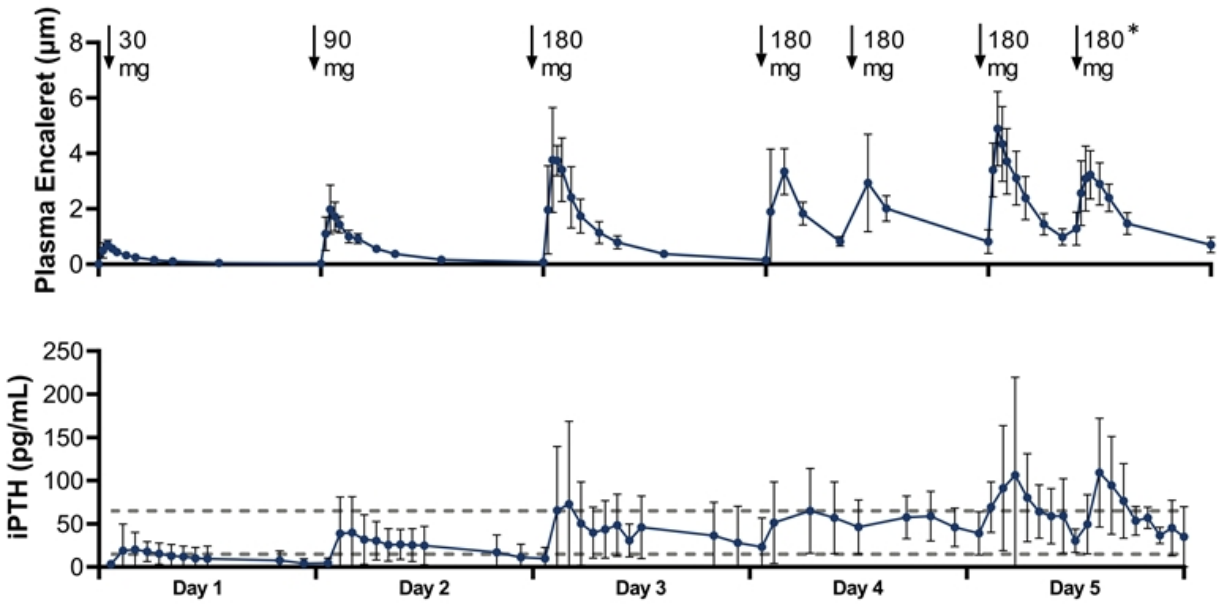
ECG QT_cB = electrocardiogram Bazett-corrected Q-T interval
*Measurements taken pre-dose Day 1 (mean ± SD)

Encaleret was generally well-tolerated with no serious adverse events reported after 5 days

	N = 6
Number of subjects experiencing any Serious Adverse Event	**0 (0%)**
Number of subjects experiencing any Adverse Event	**5 (83%)**
Mild	5 (83%)
Moderate	0 (0%)
Severe	0 (0%)
Number of Adverse Events Reported	**9**
Mild	9 (100%)
Moderate	0 (0%)
Severe	0 (0%)

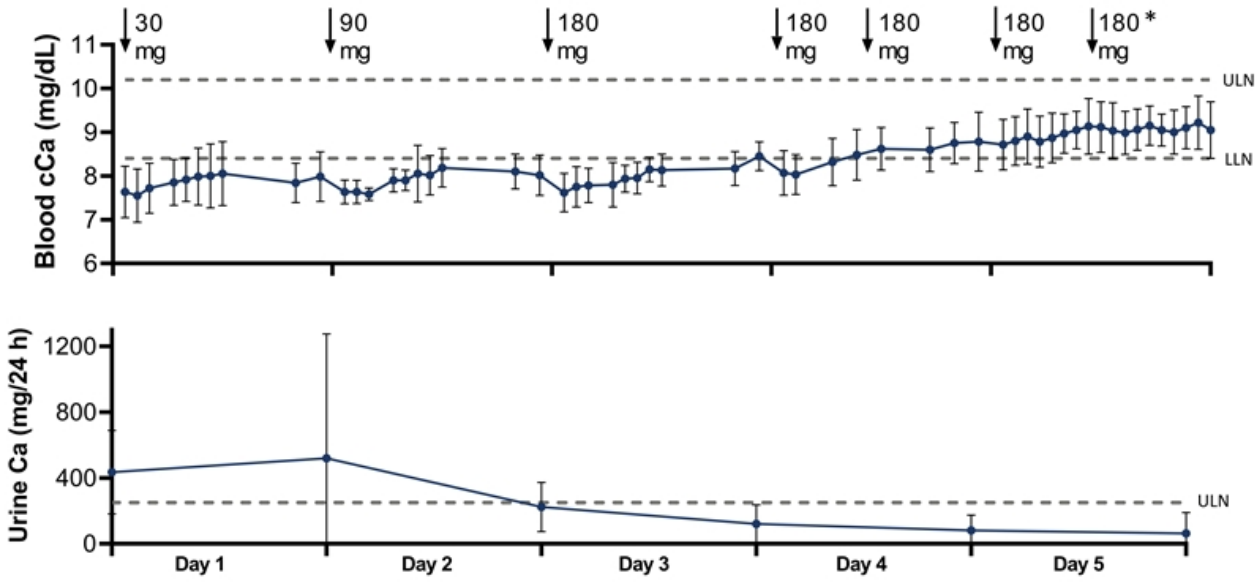
Only treatment-related AE was mild, transient, asymptomatic hypophosphatemia (<2 mg/dL) in 2 subjects

Dose dependent-increases in PTH mirrored encaleret levels



Data shown as mean ± SD *One subject reduced second dose on Day 5 to 120 mg *Dashed line reflects normal range of PTH 15-65 pg/mL

Encaleret normalized blood and urine calcium



Data shown as mean ± SD *Values below limit of assay quantitation were marked as "0" *One subject reduced second dose on Day 5 to 120 mg *Dashed line reflects normal ranges: calcium, 8.4-10.2 mg/dL; 24-hr urine calcium, < 250-300 mg/day

Conclusions

- Encaleret was well-tolerated when administered in escalating oral doses once or twice daily over 5 days, with no serious adverse events reported and no adverse events of moderate or severe intensity
- Blood calcium, PTH, and phosphate were normalized and maintained within the normal range on average by day 5
- Urinary calcium excretion was reduced to below the upper limit of normal or undetectable in all participants while on encaleret and eucalcemic
- Consistent changes from baseline in blood and urine mineral measurements provide proof-of-concept data that encaleret may be an effective treatment option for ADH1
- Data support further development of encaleret in ADH1

Next steps for encaleret include generating further evidence in ongoing Phase 2 study

2020

- ✓ Initiate Phase 2 study in ADH1
- ✓ Receive ODD from FDA for ADH

2021

- ✓ Report Phase 2 proof-of-concept results
- ❑ Complete enrollment of Cohort 2 in Phase 2 study
- ❑ Interaction with FDA

Planned activities

- Phase 3 registrational study in ADH1
- Pediatric development program in ADH1
- Evaluation of encaleret in non-genetic hypoparathyroidism

Claudia,
child with achondroplasia

Low-dose FGFR inhibitor (infigratinib) for achondroplasia

Achondroplasia overview

Prevalence

55,000 (US+EU) – one of the most common genetic conditions

Genetic driver

FGFR3 activation

Pathophysiology

Up-regulation of STAT1 and MAPK in the growth plate cause cranial, spinal, and stature symptoms

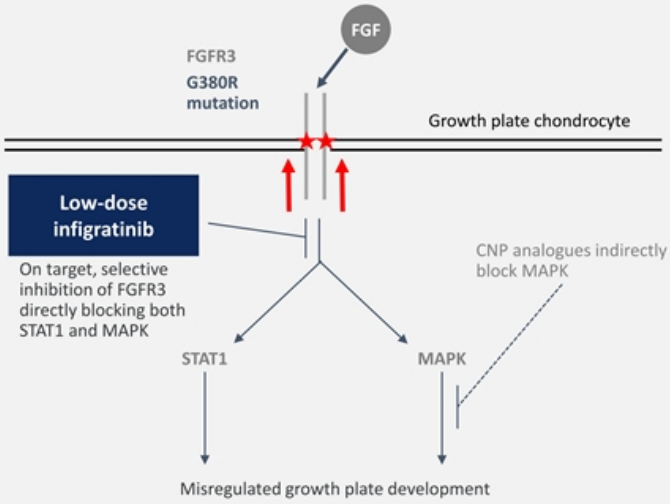
Features of a potential best-in-class medicine for achondroplasia

Direct targeting of FGFR3 and normalization of both STAT1 and MAPK signaling pathways

Potential to address all drivers of symptoms, including cranial, spinal and stature issues

Oral dosing, the most convenient solution for children with achondroplasia and their families

Potential best-in-class approach targeting achondroplasia directly at its genetic source



ACH FGFR3 gain-of-function mutation causes:

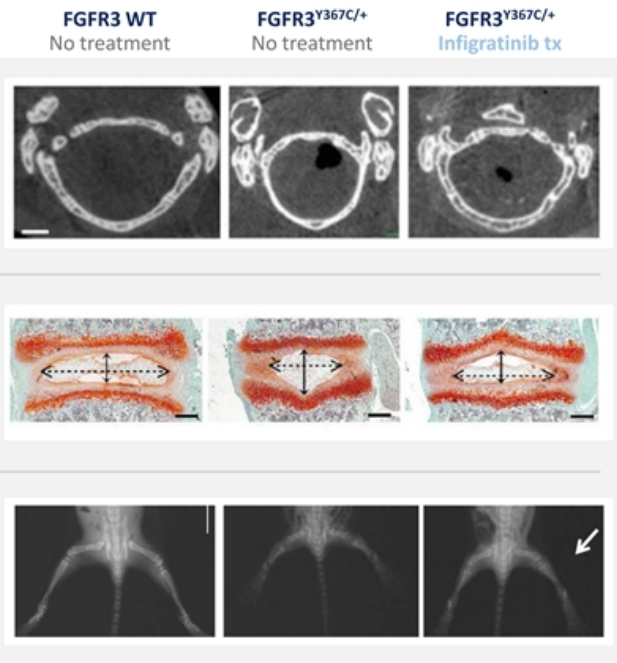
- 2-3x over-activation of the receptor
- Up-regulation of downstream pathways STAT1 and MAPK
- Aberrant growth plate development, which causes cranial, spinal, and stature symptoms

Low-dose infigratinib has the potential to:

- Directly inhibit the causal gain-of-function mutation in FGFR3
- Normalize both the STAT1 and MAPK signaling pathways
- Reverse all key drivers of symptoms

Source: Ornitz DM et al., Developmental Dynamic 2017, Richette Joint Bone Spine 2007, Unger Curr Osteoporos Rep 2017, Hoover-Fong Am J Gen Med 2017

Low-dose infigratinib improves all the key drivers of clinical symptomology in validated ACH mouse model



1 Cranial bone issues

17% increase in FM area

6% increase in AP skull length

May lead to **decrease in foramen magnum stenosis** and fewer surgeries

2 Disorders of the spine

12% increase in L4-L6 length

73% increase in disc width

May lead to **decrease** in **spinal stenosis**, possibly **reducing need for surgery**

3 Disproportionate short stature

21% increase in femur length

33% increase in tibia length

May lead to **increased stature** and **proportionality**

Source: Komla-Ebri et al., J Clin Inv 2016
Note: percent increase compared to vehicle treated FGFR3Y367C/+ mouse, infigratinib treatment with 2mg/kg subcutaneous dose

Low-dose infigratinib showed potential best in-class preclinical profile in validated achondroplasia mouse model

Company/ Asset	MOA	Route	Status	Mouse model	Tibia length	Femur	Foramen magnum area	L4-L6 height
bridgebio Infigratinib	**Selective FGFR1-3i**	**Oral**	**Ph2**	**FGFR3$^{Y367C/+}$**	32.6%	20.9%	17.0%	12.1%
BIOMARIN Vosoritide (BMN111)	CNP analogue	Daily SQ	Pivotal (NDA filed)	FGFR3$^{Y367C/+}$	6.6%	5.2%	No known publicly available data	3.3%
ascendis pharma TransCon CNP[1]	CNP analogue	Weekly SQ	Ph2	FGFR3$^{Y367C/+}$	12.3%			
Pfizer Reifercept (TA-46)	FGFR3 decoy	Weekly SQ	Ph2	FGFR3^{ACH}	8.6%	6.2%		

Preclinical data from infigratinib and other investigational achondroplasia therapies

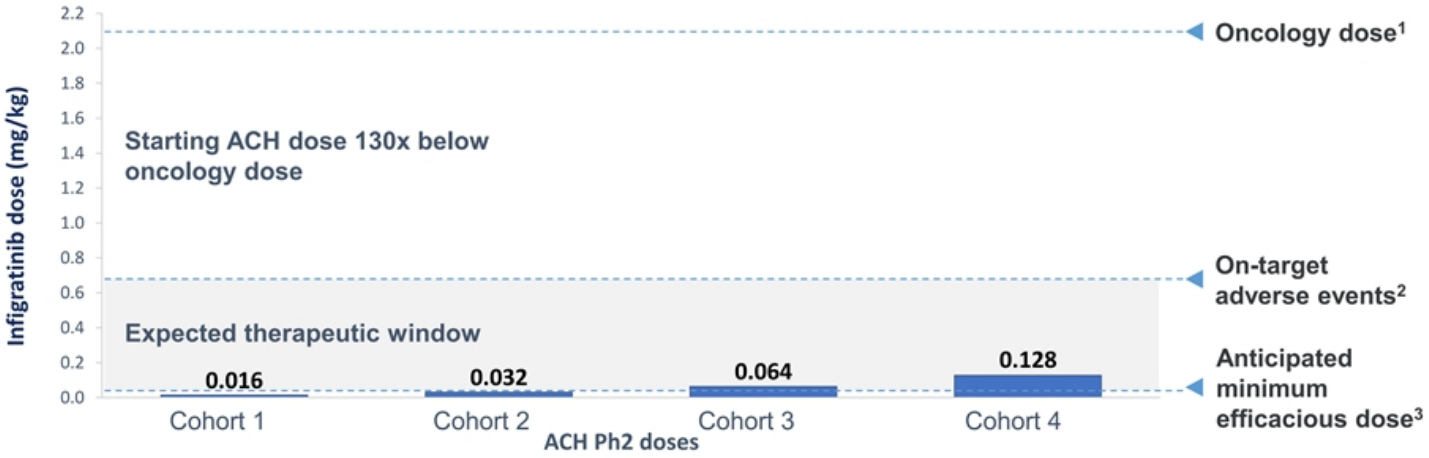
Percent increase compared to non-treated mouse

Source: Komla-Ebri et al., J Clin Inv 2016, Lorget et al., Am J Hum Genet 2012, Garcia et al., Science Trans Med 2013, Breinholt ENDO 2017
Note: subcutaneous doses, percent increase compared to vehicle treated FGFR3$^{Y367C/+}$, FGFR3$^{ACH/+}$ mouse as noted in "Mouse model" columns
Infigratinib treatment with 2mg/kg subcutaneous dose [1]Based on vosoritide continuous infusion; *Value estimated using DigitizeIt.

We have a wide anticipated therapeutic index in achondroplasia

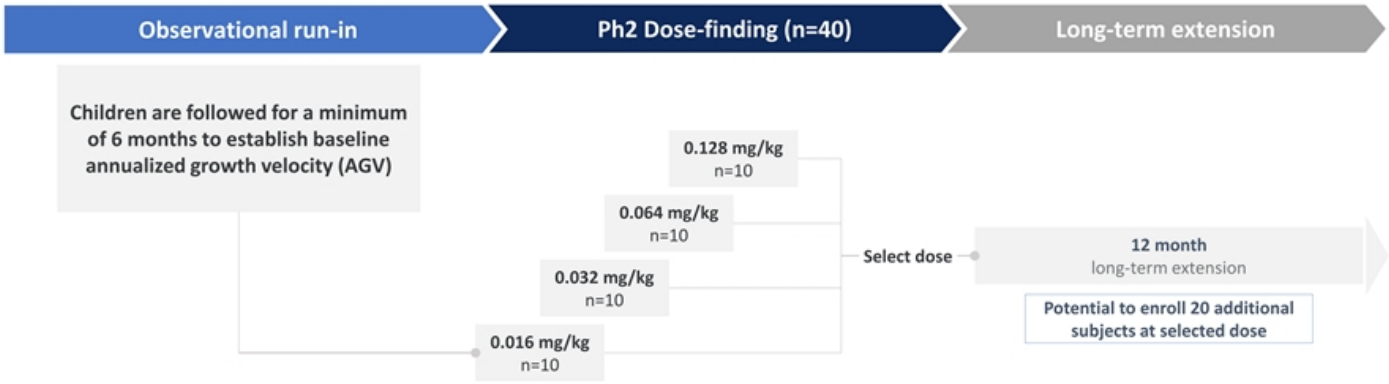
Infigratinib has been tested in >700 humans in our oncology program, providing significant data on PK, tolerability and safety

Most common and dose-limiting side effect is phosphorus elevation (on-target through FGFR1 inhibition), which occurs significantly above our planned achondroplasia doses



[1]Based on 125mg dose and 60kg adult; [2]Based on estimated TD_{50} at 40mg and 60kg adult; [3]Based on PK modeling and allometric scaling from animal models

The PROPEL clinical program is enrolling with data expected in 2H 2021



Key inclusion criteria

- Children 2.5 – 10 years old
- Clinical and molecular ACH diagnosis

Primary objectives

- Baseline annualized growth velocity (AGV)

Primary objectives

- Identify safe therapeutic dose for expansion / pivotal study
- Safety and tolerability
- Change from baseline in AGV

Primary objectives

- Long-term safety and efficacy

Maris,
child with CAH

BBP-631: AAV5 gene therapy for congenital adrenal hyperplasia (CAH)

Program overview

Prevalence

75,000 (US+EU) – One of the largest known AAV gene therapy markets

Genetic driver

21-hydroxylase inactivation

Pathophysiology

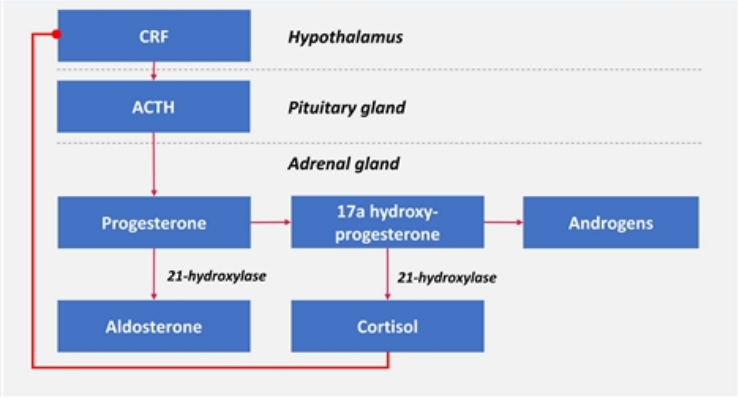
Inability to produce cortisol causes need for supraphysiologic doses of synthetic steroids, 3x increase in mortality risk, hirsutism, Cushingoid symptoms

We believe CAH is an ideal indication for AAV gene therapy:

- **Low threshold to correct phenotype**, validated by human clinical genetics (~5-10% of WT enzyme activity)
- **Only approach designed to induce endogenous cortisol and mineralocorticoid production**, potentially allowing steroid withdrawal
- **Durable transgene delivery to the adrenal gland of NHPs** with IV dosing of our construct
- **Next catalyst:** initial data from first-in-human study

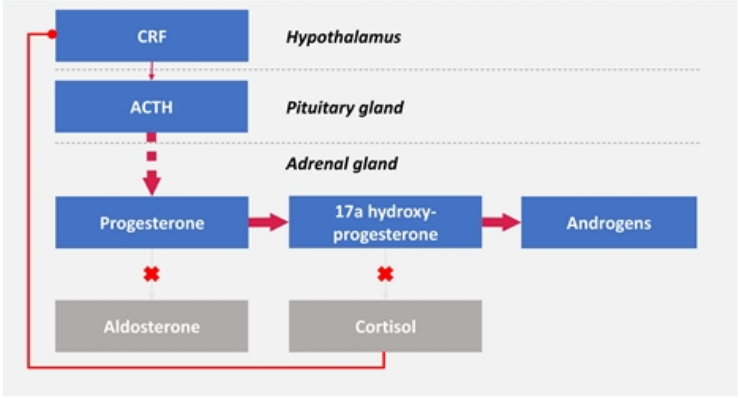
Gene therapy is the only modality designed to treat CAH at its source and allow for production of endogenous cortisol

Healthy Hypothalamic-Pituitary-Adrenal Axis



In a functional HPA system, cortisol and aldosterone are produced as needed by the body. Cortisol serves as a "brake" on the CRF/ACTH system

Hormonal dysregulation with 21OHD; no cortisol "brake" on ACTH, shunting of 17OHP to androgens

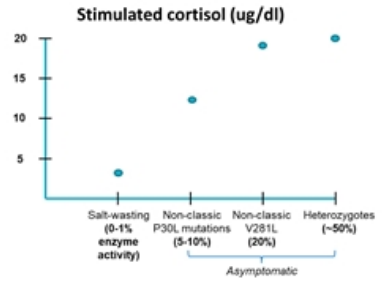


In CAH, cortisol and aldosterone are not able to be produced. The lack of a "cortisol brake" results in buildup of progesterone and 17OHP, leading to an excess of androgen production

CAH patients have 3-4X higher mortality than the general population, and suffer significant morbidity ranging across cardiovascular and metabolic disease, bone disease, infertility, chronic fatigue, and other disorders.

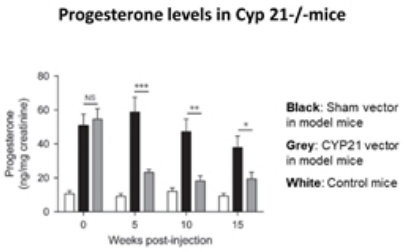
CAH: NHP study showed durable transgene expression; 5-10% of WT enzyme may be sufficient for clinical impact

Genotype-phenotype studies show that >5-10% of enzyme activity results in nonclassical CAH



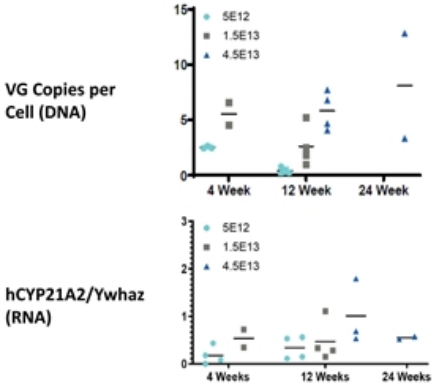
- Due to the high enzymatic efficiency/selectivity of 21-OHase, only a small amount of enzyme is required to rescue the phenotype

Mouse studies show a VGC of only 0.13 at 18 wks was sufficient for phenotypic correction



- At 15 weeks in treated mice, progesterone (the key substrate of 21OHase in mice) was significantly reduced vs untreated mice

NHP studies show sustained VGC and RNA out to 6 months

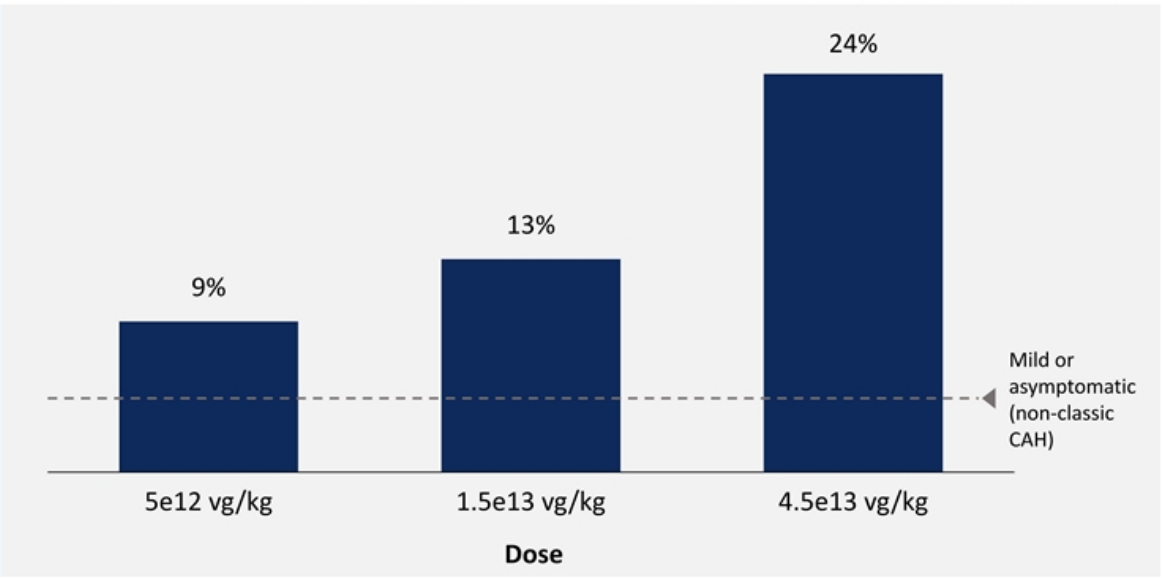


- Transgene expression is dose-dependent and stable out at 24 wks
- We can durably transduce the NHP adrenal gland with our construct at >20x the vector required to correct the CAH phenotype in mice

Source: Perdomini, Gene Therapy 2017; ESGCT 2019

NHP protein data using mass spec methods suggests potentially therapeutic levels of 21-hydroxylase enzyme

- We have developed mass-spec methods to quantify protein expression by identifying differential peptides between human and NHP 21-OH
- These data suggest dose-dependent enzyme expression in the adrenal cortex from 9%-24% of WT levels
- Genotype-phenotype relationship suggests as little as 5% of WT enzyme activity is associated with the mild/asymptomatic non-classic form of CAH



Source: Data on file

Basia, pancreatic cancer patient (>90% KRAS-driven)

BridgeBio oncology research

World-class oncology team drives our discovery and development

Eli Wallace
CSO Oncology Research

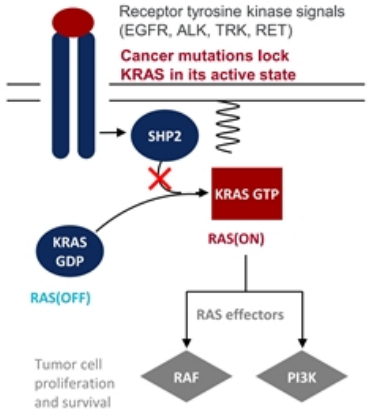
Pedro Beltran
SVP Oncology

Frank McCormick
Chairman of Oncology

Richard Scheller
Chairman of R&D

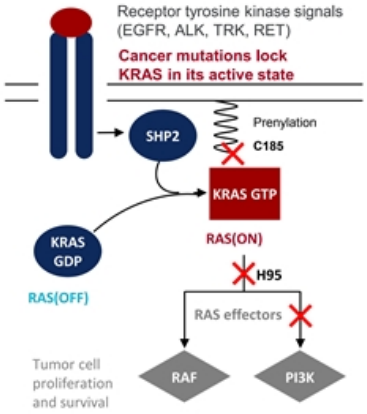
Three disclosed oncology research targets

SHP2 (BBP-398)



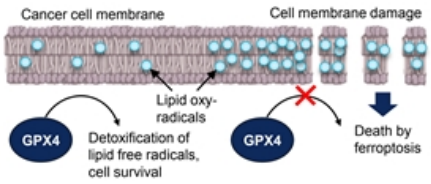
- Potential best-in-class oral compound
  - Optimized safety, PK and PD profile
  - Maximizes combination therapy potential
- First-in-human study initiated 4Q20

KRAS



- Multiple unexploited sites
- Comprehensive pan-mutant targeting approaches

GPX4



- Potential first in class compound for novel cancer target
- *In vivo* monotherapy activity and combo potential

Partnerships afford us exceptional collaborators and resources

NIH NATIONAL CANCER INSTITUTE

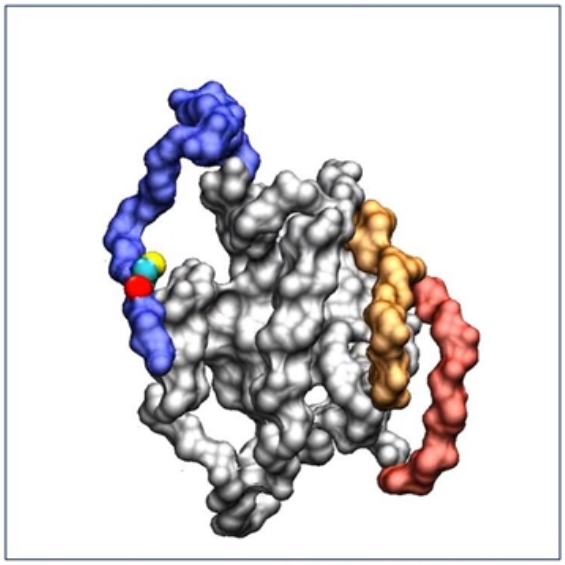
- Partnership with the National RAS Initiative, including 60 of the world's **foremost academic RAS researchers**
- Cutting edge RAS **structural biology expertise**
- Utilization of **cutting-edge instrumentation and techniques**, as well as the **expertise** to lead experiments

Lawrence Livermore National Laboratory

- Home to Sierra: the **world's 3rd fastest computing system**
- Enables **multi-microsecond molecular dynamics simulations** of protein complexes, and highly efficient *in silico* **docking simulations**
- This computing power, combined with RAS structural biology expertise at the NCI, delivers **unique insights that fuel our drug design**

Crystal structure enables a static understanding of the target …

KRAS4b model based on crystal



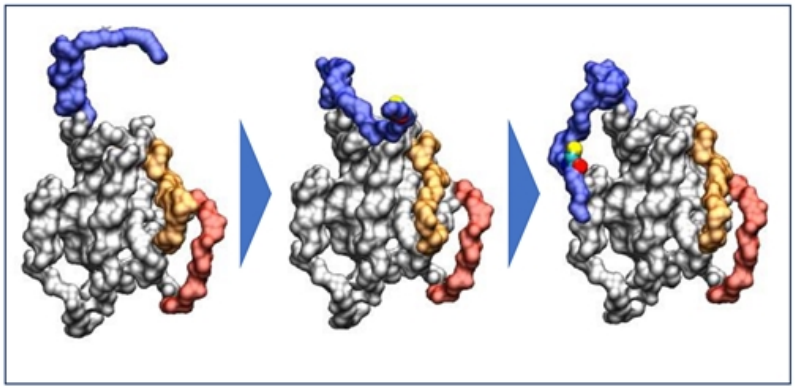
G-domain
G-domain switch I
G-domain switch II
Hypervariable region

One therapeutic approach is to inhibit KRAS4b **membrane localization** by targeting **hypervariable region**

Static model reveals only a **subset of potential binding sites** for pharmacological compounds

… whereas molecular dynamics simulation reveals transient conformations and interactions

KRAS4b simulation



G-domain
G-domain switch I
G-domain switch II
Hypervariable region

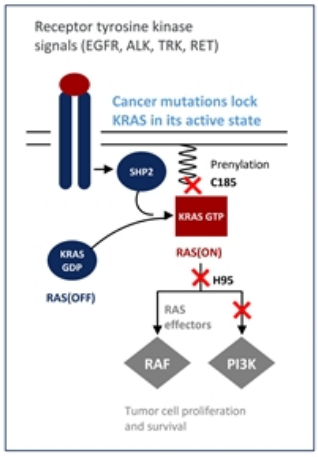
Reveals possible KRAS4b **HVR transient localization to G-domain**

Elucidates potential transient druggable pocket where **compounds could react covalently with C185**

Enables *in silico* SAR to **inhibit KRAS4b membrane localization**

KRAS: multiple shots on goal with our pan-mutant inhibitor programs – each with a unique MOA targeting a novel pocket

KRAS pathway in cancer

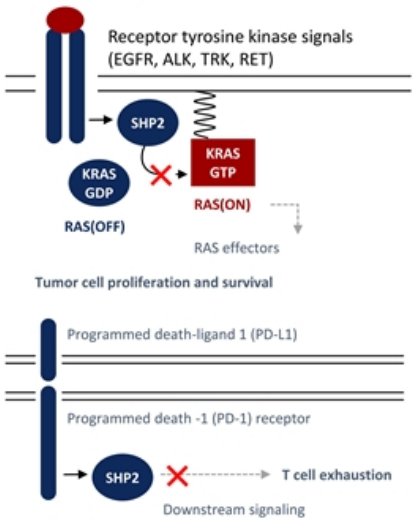


Program	MOA	Targets KRAS GTP	Pan-mutant	Crystal structure	Molecular Dynamics
Program 1: H95 targeting	▪ Directly binds activated KRAS through H95 ▪ Inhibits KRAS from signaling through effectors	✓	✓	✓	✓
Program 2: PI3K effector blocking	▪ Blocks specific interaction between KRAS and PI3Ka ▪ Blocks PI3K / AKT effector signaling	✓	✓	✓	✓
Program 3: C185 targeting	▪ Blocks KRAS from tethering ▪ Blocks conversion of inactive KRAS GDP to active KRAS GTP	✓	✓		✓

Our programs are designed to address all KRAS driver mutations, which occur in >30% of all cancers

SHP2: Our compound shows best-in-class potential in a large cancer market

Our SHP2i blocks downstream MAPK signaling and abrogates T cell exhaustion



We believe BBP-398 has the ideal properties for combination with a multitude of other therapeutic classes

Human half life: ~10-15 hours[1]
- Allows for recovery above EC50 and reduced MAPK-driven tox

Potentially differentiated safety profile for combination therapy
- hERG IC50 (μM)*: >100: No QT prolongation

SHP2i combination potential
US + EU incidence, '000s

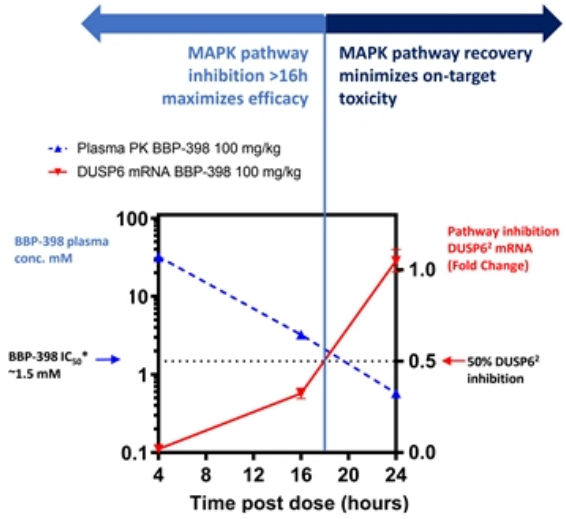
Supporting evidence[2]
Preclinical data:

~1 million patients annually

1 Human PK predictions; 2 Preclinical data of combination efficacy with SHP2i
SOURCE: US incidence estimated from SEER, TCGA and Kiuru & Busam "The NF1 gene in tumor syndromes and melanoma"; all scaled for WW incidence

BBP-398 displays a PK/PD profile that may allow for daily pathway recovery and improve SHP2 inhibitor tolerability

BBP-398 PK/PD data[1]

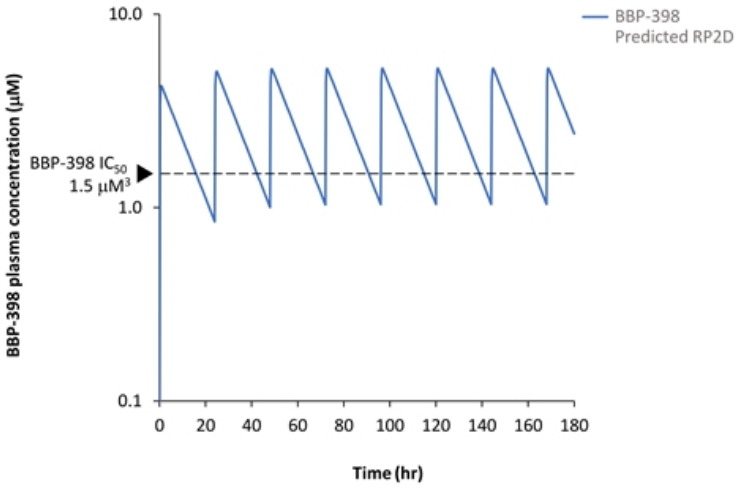


Maximal efficacy achieved with IC_{50} coverage >16h

- At maximum efficacious dose BBP-398 >1.5 µM for the majority of the interval

BBP-398 steady state PK simulation

BBP-398 predictions are based on allometric scaling and preclinical data



BBP-398 PK profile is consistent with tolerable daily dosing

- Daily dosing allows for efficient titration in combination studies

1 PKPD data from mouse KYSE-520 xenografts following a single dose of BBP-398
2 DUSPs are negative feedback regulators of the MAPK pathway; DUSP6 expression is correlated with high pERK activity
3 IC50 based on DUSP6 mRNA fold change in mouse KYSE-520 and MiaPaCa-2 xenografts

SHP2: BBP-398 monotherapy study initiated in 2020; combo trials to follow

Clinical development timeline

Monotherapy

- **Monotherapy study initiated 2H 2020**
- Dose escalation followed by dose expansion
- Starting dose 80mg

Combo Therapy

- **Partnered with Perceptive-backed LianBio in China to expand exploration of potential combo therapies**
- Dose escalation followed by dose expansion
- Priority combinations include osimertinib, and G12Ci in NSCLC

Initial clinical combinations of focus based on SHP2i preclinical data

	SHP2i Combination Partner	Tumor growth inhibition
KRAS G12Ci	AMG 510	**~130%**
EGFRi	Osimertinib	**~125%**
PD-1	Anti-mouse PD-1	**~90%**
MEK	Trametinib	**~80%**
CDK4/6 and MEK	Trametinib + palbociclib	**~110%**

Major catalysts across the pipeline anticipated over the next 12 months

ANTICIPATED

Execution in 2021	4 core value drivers	Pipeline upside
☑ **BBIO / EIDX merger closure:** Completed January 26th	☑ **Encaleret (CaSRi) for ADH1:** Ph2 proof-of-concept data (March '21)	☐ **COL7 replacement for RDEB:** Data from Ph2 study (late '21 / early '22)
☑ **Four new INDs cleared**	☐ **Acoramidis (ATTR stabilizer) for ATTR-CM:** Ph3 topline data (4Q21)	☐ **SHP2 inhibitor for RAS and RTK driven cancer:** Monotherapy Phase 2 dose selection (2022)
☑ **NULIBRY™ (fosdenopterin) for MoCD type A:** FDA approval	☐ **Low-dose infigratinib (FGFRi) for achondroplasia:** Ph2 proof-of-concept data (1H22)	☐ **Ribitol for LGMD2i:** Ph2 proof-of-concept data (2022)
☑ **TRUSELTIQ™ (high-dose infigratinib) for second-line cholangiocarcinoma:** FDA approval	☐ **AAV5 gene therapy for CAH:** Initial data from Ph1/2 study (mid-22)	☐ **KRAS inhibitor program:** Clinical candidate selection (2022)
	☐ **Acoramidis (ATTR stabilizer) for ATTR-CM:** NDA submission (1H22)	

$1bn+ in cash and equivalents as of March 2021 anticipated to provide runway into 2023