bridgebio

COMPANY PRESENTATION

160

NOVEMBER 2019



Forward-Looking Statements

Statements in this Presentation that are not statements of historical fact are forward-looking statements. Such forward-looking statements include, without limitation, statements regarding our research and clinical development plans, expected manufacturing capabilities, 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" and similar expressions are intended to identify forward-looking statements, though not all forward-looking statements necessarily contain these identifying words. These forward-looking statements 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, future results from the Company's ongoing and planned preclinical studies and clinical trials, the Company's ability to obtain adequate financing to fund its preclinical studies and planned clinical trials and other expenses, trends in the industry, the legal and regulatory framework for the industry and future expenditures. In light of these risks and uncertainties, the events or circumstances referred to in the forward-looking statements may not occur. The actual results may vary from the anticipated results and the variations may be material. These forward-looking statements should not be taken as forecasts or promises nor should they be taken as implying any indication, assurance or guarantee that the assumptions on which such forward-looking statements have been made are correct or exhaustive or, in the case of the assumptions, fully stated in the Presentation. You are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date this Presentation is given. This Presentation discusses product candidates that are under preclinical study or clinical trial and which have not yet been approved for marketing by the U.S. Food and Drug Administration (the "FDA"). No representation is made as to the safety or effectiveness of these product candidates for the therapeutic use for which such product candidates are being studied.

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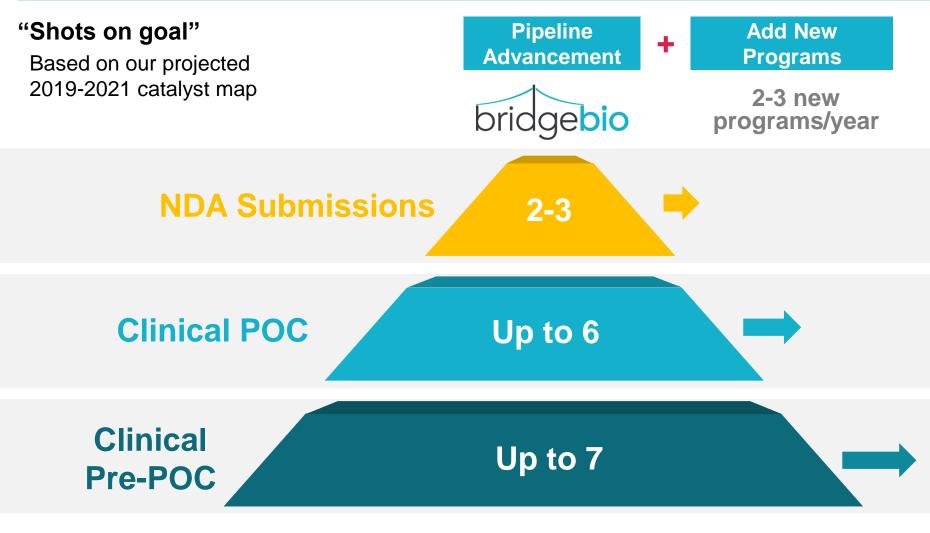
We have built a sizeable pipeline over the past four years

			Patient		Pre-Clinical		Clinical		
	Program ¹	MOA / Diseases	pop. (US+EU)²	Modality	Lead Finding / Optimization	IND Enabling	Phase 1	Phase 2	Phase 3
	BBP-265 (Eidos)	TTR stabilizer for ATTR 😭	>400K	\$		1			
	BBP-831	FGFR1-3i for achondroplasia 😭	55K	☆ ■					
	BBP-870	cPMP replacement for MoCD Type A	100	\$					
	BBP-0094	Topical SMOi for Gorlin / frequent BCC	120K	(
	BBP-589	COL7A protein replacement for RDEB	1.5K						
Mendelian	BBP-681	Topical PI3K α i for venous malformations	117K	(
	BBP-671	PanK 1/3 activator for PKAN, OAs	7K	口 口					
	BBP-711	GO1i for PH1 / FSF	5K / 1.5M	\$					
	BBP-561	Topical KLKN 5/7i for Netherton	11K	<u></u>					
	BBP-761	Succinate pro-drug for LHON	20K	口 口		1 			
lew program	BBP-418	Glycosylation substrate for LGMD2i	7K	\$					
	BBP-831	FGFR1-3i for FGFR+ cancers 😭	37K*	\$		1		5	
	BBP-454	Pan-mutant KRASi for KRAS+ cancers 🏠	>500K*	☆ ■					
Oncology	BBP-398	SHP2i for multiple cancer types	>500K*	口 口					
	BBP-954	GPX4i for multiple cancer types	>500K*	\$		1 1 1			
Gene Therapy	BBP-631	AAV5 gene therapy for CAH 🏠	>75K	\$_ I					
	BBP-812	AAV9 gene therapy for Canavan	1K	\$₽					
	🟫 Key Va	lue Drivers Phase 2/3 clinical developmen	t³ 💢 Smal	l molecule	Topical small m	olecule 🏑 Bi	ologics	herapy	

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¹ Each of our programs is housed in a separate subsidiary; ² Patient population: Prevalence except for asterisked figures which represent incidence; ³A clinical trial we believe could support filing an application for marketing authorization, although the FDA and other regulatory authorities have not indicated their agreement or that additional trials will not be required; ⁴We are party to an option agreement pursuant to which LEO Pharma A/S has been granted an exclusive, irrevocable option to acquire PellePharm, including the BBP-009 program. If the option is exercised by LEO Pharma A/S, we will no longer have rights to develop and commercialize BBP-009. See "Business – Our Material Agreements—BBP-009 (Patidegib): Option Agreement with LEO Pharma A/S." ⁵Planned New Drug Application (NDA) submission for the treatment of cholangiocarcinoma (CCA) as a second-line or later therapy (2L)

Where we are headed: Profile by year-end 2021



NDAs: BBP-831 (2L CCA), BBP-870, BBP-265 Clinical Proof-of-Concept (POC): BBP-831 (achon), BBP-631, BBP-009, BBP-681, BBP-589, 0-1 additional Clinical: BBP-812, BBP-398, BBP-711, BBP-561, BBP-671, 1-2 additional Note: The above represents potential non-risk adjusted outcomes



BridgeBio: A product platform and current pipeline





Product Platform

Systematic disease mapping World-class R&D minds and capabilities Partnered with leading institutions Focus on capital efficiency Best owner mentality

Continued growth and terminal value

Current Pipeline

15 programs targeting diseases at their source Four Phase 2 or Phase 3 clinical programs Focus on Mendelian diseases and targeted oncology Small molecules, biologics, gene therapies 5+ therapeutic areas

Present value and near-term catalysts



BridgeBio is led by an experienced team



Neil Kumar, PhD — Co-Founder and CEO

- Principal at Third Rock Ventures
- Founding management team at MyoKardia
- Associate principal at McKinsey
- PhD MIT: BS / MS Stanford University



Frank McCormick, PhD, FRS — Chairman of Oncology

- Director of the UCSF Cancer Center and former Associate Dean of the UCSF School of Medicine
- Former AACR President
- Co-founder & first CSO of Onyx Pharma (\$9B+)
- PhD Cambridge; BS University of Birmingham



Uma Sinha, PhD — Chief Scientific Officer

- CSO for Global Blood Therapeutics
- Senior leader in Portola, Millennium, and COR Therapeutics
- PhD Georgia; BS Presidency College

Phil Reilly, MD, JD

- Management Committee member
- Highly respected clinical geneticist
- Co-founder and former interim CMO of Voyager Therapeutics
- SAB member and former interim CMO of bluebird bio
- Co-founder and board member of Edimer. Lotus
- MD Yale; JD Columbia; BA Cornell



Andrew Lo, PhD

- Investment Committee member
- Pioneering researcher in economics and financial engineering at MIT
- Founder and CSO of multi-billion dollar hedge fund









MD / PhD Cornell: BS Dartmouth

Robert Zamboni, PhD

Medical Chemist for BridgeBio and portfolio companies

Leader of multiple \$100M+ biotech companies including

Charles Homcy, MD — Chairman of Pharmaceuticals

Lasker Award winner for pioneering CNS research

Brian Stephenson, PhD — Chief Financial Officer

Founder, CEO, director of multiple \$500M+ biotechnology companies

World renowned expert in drug discovery

Developed >10 marketed drugs

Stanford and HHMI Faculty

Partner at Capital IP

Director / VP at Leerink

Manager at McKinsey

Hoyoung Huh, MD, PhD

PhD Caltech: BS Univ of Wisconsin

PhD / MS MIT: BS Brigham Young

Epizyme, Geron, BiPar, Nektar

- ACS Heroes of Chemistry Award for discovery of Singulair[®] (montelukast sodium)
- Author of over 80 papers, holder of over 20 patents
- PhD McGill: BS Yale

INTEGRILIN









Drugs

VELCADE°



Kyprolis.



Enbrei etanercept

Arcoxia























Industry-leading R&D experts who have led 100+ INDs and the approval of 20+ marketed drugs



Robert Zamboni, PhD

- ACS Heroes of Chemistry Award for discovery of Singulair
- Developed Vioxx and Arcoxia (marketed in Europe)
- Holds over 20 patents
- Involved in DP antagonist and Catk inhibitor
- Several dozen development programs
- Retired from Merck in 2005 as VP of Medicinal Chemistry

Anjali Pandey, PhD

- 11 INDs and 1 NDA filed
- SVP of Medicinal Chemistry and Chemical Development at Portola
- Director of Chemistry at COR and Millennium
- 25+ years experience in industry



Hector Rodriguez, PhD

- 7 INDs filed for first in class agents in oncology, CV and inflammation
- Senior Director and founding member of biochemistry groups at Myokardia, Calithera, and Arresto
- Founder and SAB member of Edgewise Therapeutics



Athiwat Hutchaleelaha, PhD

- 2 marketed drugs including Bevyxxa and Andexxa from preclinical discovery through commercialization
- 20+ years in large and small molecule development at Global Blood Therapeutics, Portola, Millennium and COR



Andreas Betz, PhD

- Preclinical development of small molecule protease and kinase inhibitors
- Lead enzymologist in discovery and development of Bevyxxa
- 20+ years experience in industry at COR, Pharmacia-Pfizer, Chiron and Global Blood Therapeutics



Uma Sinha, PhD

- CSO of Global Blood Therapeutics, VP, Head of Biology and VP, Translational Biology at Portola
- 21 INDs and 4 marketed drugs, co-inventor of Andexxa
- 30+ years in biotech industry
- Discovery and preclinical development of small molecules in hematology, CV and inflammatory diseases.

James Kanter



- 25+ INDs filed at companies including Millennium, Exelixis, Pharmacofore, Gilead and Ardelyx
- 5 NDAs including Velcade, Sovaldi, Vemlidy and Vitekta
- Managed 4 drug substance commercial products
- 12+ drug substance, 3 drug product validations in NA, Europe and Asia

Jesper Jernelius, PhD

- 11+ INDs filed with Roche, Gilead and Medivation
- 3 NDAs for marketed drugs with Gilead (Sovaldi), Amgen (Kyprolis), and Medivation (Talazoparib)

Satish Rao, PhD

- 8 INDs filed at Endocyte, ARYx, and Scios
- 20+ years experience in DMPK and bioanalytical in industry, CROs, and academia

Ben Collman



- 11+ INDs and 3 NDAs filed at Pfizer, Abbott/AbbVie, Gilead and Ardelvx
- Worked on 8 marketed drugs including Lyrica, Steglatro, Xeljanz, Daurismo, Vizimpro, Technivie, Biktarvy, and Ibsrela
- 18+ years experience in CMC







BridgeBio: A new model for the genetic disease space



We believe performing more "reps" with the BridgeBio approach will create "flywheel momentum"

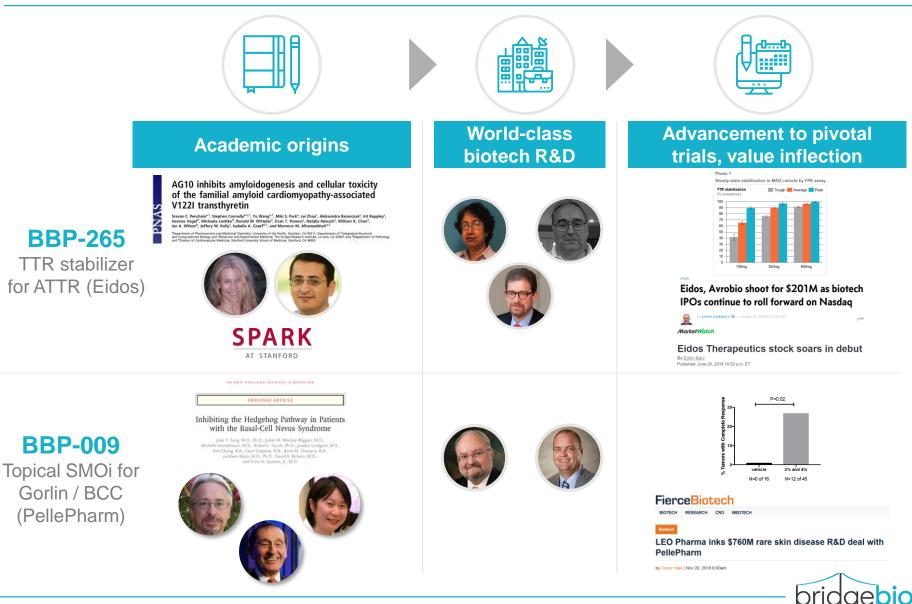
Mastery of executional efficiency

The right MVC 'minimum viable corporation' structure, amount of capital, and talent phenotypes

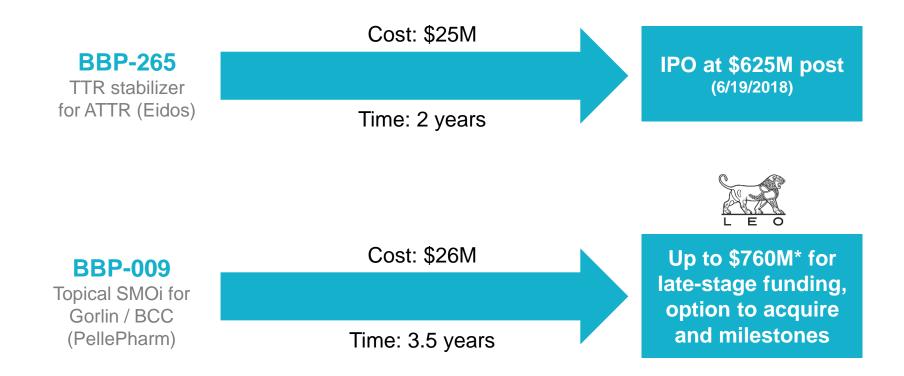
Reputation Recognition from academics and top-tier talent that we are an ideal partner



We advanced our first two programs from academia to Ph 3 trials in three years



Track record of capitally efficient value creation





Key portfolio value drivers

Program / MOA	Disease	Patient population, '00 (US+EU)	00s	Description
BBP-265 / TTR stabilizer	Transthyretin Amyloidosis	400	f	Potentially most potent TTR stabilizer designed for the treatment of ATTR One of the largest Mendelian diseases
BBP-831 / FGFR1-3i	Achondroplasia	55	•	Only known oral FGFR1-3i in clinical development for achondroplasia* No approved standard of care in the US or EU Strong pre-clinical data and only oral product in development Also being pursued for a variety of FGFR-driven cancers
BBP-454 / Pan-mutant KRASi	KRAS+ Cancers	50	. 00	Pan-mutant KRAS inhibitor program for KRAS-driven cancers ~30% of all cancers are driven by KRAS mutations, including large proportions of lung, colorectal and pancreatic tumors
BBP-631 / AAV 21-OH gene replacement	5 Congenital Adrenal Hyperplasia	7	75	Gene therapy product candidate for CAH Likely one of the largest gene therapy markets, with prevalence >75,000 in the US and EU High unmet need, with poor treatment options and lifelong risk of potentially fatal adrenal crisis
Total patient p key portfolio			1,030	These four assets alone could provide novel treatment options for over 1M people in the US and EU

ebio

brio

*Based on clinicaltrials.gov search

Our cash balance provides runway through key value inflections across the portfolio

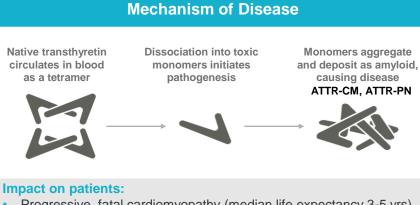
ESTIMATED

20	19	2020	2021	
1H	2H	FY	FY	
 ✓ Initiate BBP-265 (AG10) Ph3 in ATTR-CM ✓ Initiate BBP-009 Ph3 in Gorlin ✓ Initiate infigratinib Ph3 in 1L CCA ✓ Initiate BBP-589 Ph1/2 in RDEB 	 ✓ Initiate achondroplasia observational run-in study (infigratinib) ✓ Announce new program (BBP-418 for LGMD2i) ✓ CAH gene therapy (BBP-631) NHP data at ESGCT □ AG10 Ph2 ATTR-CM OLE data at AHA (November 16) □ Initiate BBP-870 rolling NDA in MoCD Type A 	 Topline Ph1/2 data from BBP-589 in RDEB Updated infigratinb Ph2 CCA data Initiate infigratinib adjuvant urothelial carcinoma Ph3 study Initiate dosing in infigratinib Ph2 in achondroplasia Submit infigratinib NDA for 2L CCA 	 Topline AG10 Ph3 data in ATTR-CM (12m 6MWD) Topline BBP-009 Ph3 data in Gorlin Infigratinib Ph2 PoC data in achondroplasia CAH gene therapy (BBP-631) clinical PoC data Infigratinib approval and launch in 2L CCA BBP-870 approval and launch in MoCD Type A 	

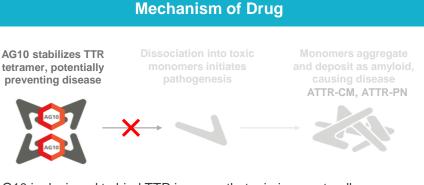
We are also on track to file multiple INDs in 2020, which will set the stage for the next wave of clinical catalysts



AG10 (BBP-265): Potentially most potent transthyretin stabilizer for the treatment of transthyretin amyloidosis



- Progressive, fatal cardiomyopathy (median life expectancy 3-5 yrs) and polyneuropathy
- Both manifestations includes significant disability
- We believe the diagnosed population of ATTR-CM is growing rapidly due to awareness and accurate, non-invasive, diagnostic methods



AG10 is designed to bind TTR in a way that mimics a naturallyoccurring protective mutation



Clinical status:

Pre-IND	Phase 1	Phase 2	Phase 3			
ATTR-CM Ph3 study ongoing (FPI 1Q19)						
ATTR-PN Ph3 study expected 2H19						

Catalysts:

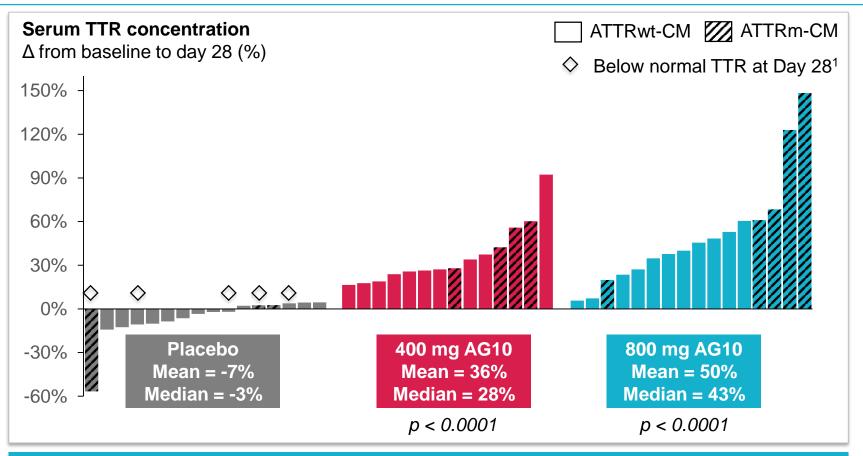
- Ph2 ATTR-CM OLE data in 2H19
- Ph3 ATTR-CM 12-month data in 2021
- Potential ATTR-CM NDA submission in 2021

Key data:

- Ph2 ATTR-CM data presented in 2H18
 - Normalized serum TTR in all actively treated patients at d28
 - TTR stabilization of ≥90% in all actively treated pts at d28
- Ph3 ATTRibute study initiated in 1Q19
 - Potential registration on 12m 6MWD endpoint, followed by 30m CV outcome/hospitalization endpoint



Treatment with AG10 restored serum TTR concentrations to normal range in all subjects

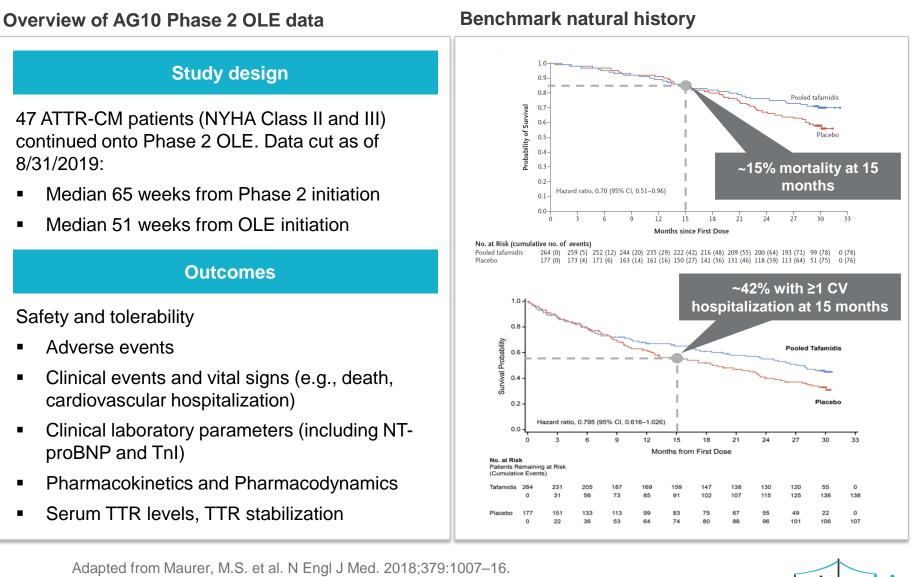


- Dose-dependent increase in serum TTR concentrations in AG10-treated subjects
- Greater treatment effect observed in ATTRm subjects final TTR concentrations normalized to comparable levels as treated ATTRwt subjects

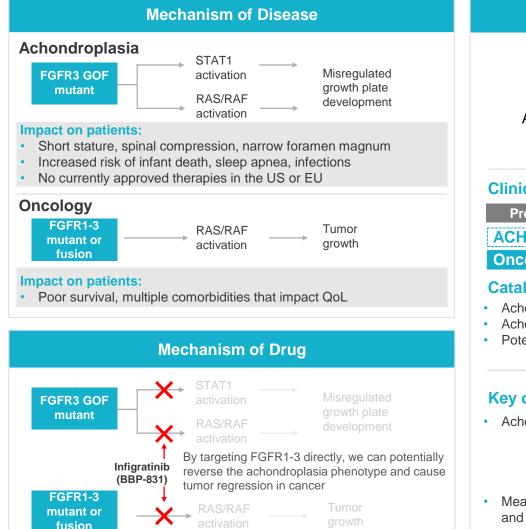
1 Normal reference range for serum TTR 20-40 mg/dL (3.6-7.3 $\mu\text{M})$ Source: AG10 data on file

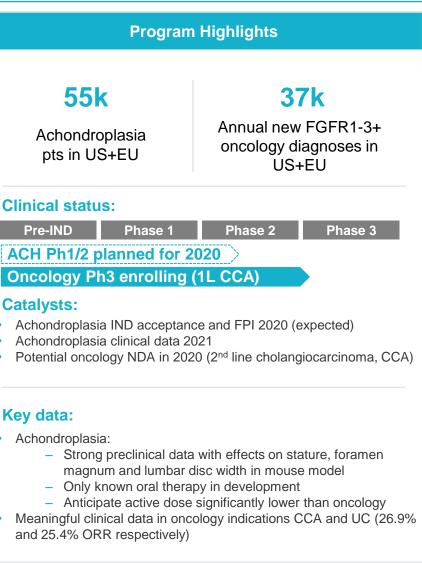


AG10 Ph2 open label extension will provide long-term safety and efficacy data



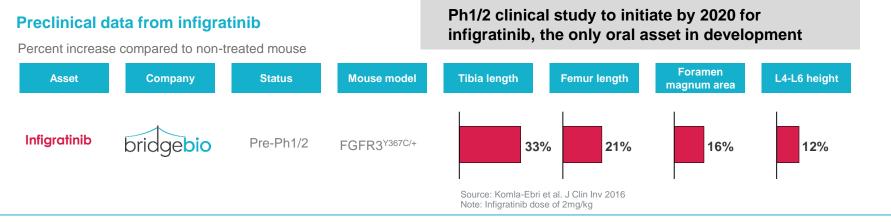
Infigratinib (BBP-831): Oral FGFR1-3 inhibitor to treat achondroplasia and FGFR-driven cancers



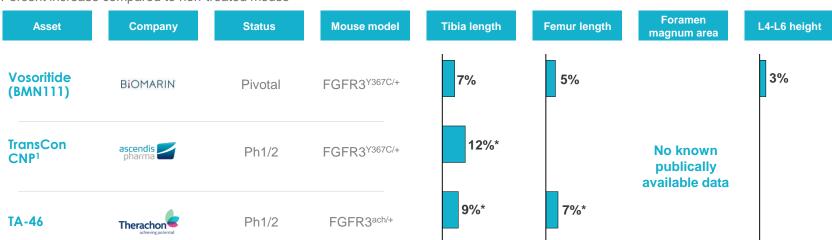




Infigratinib showed significant improvements in key disease features in the achondroplasia mouse model



Preclinical data from other investigational achondroplasia therapies



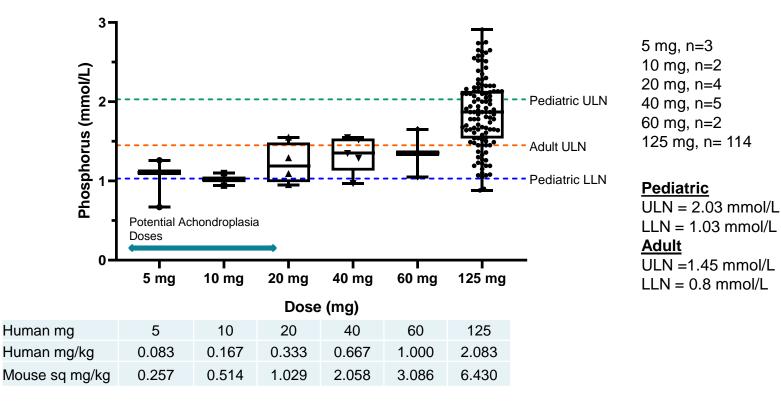
Percent increase compared to non-treated mouse

Source: 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 FGFR3Y367C/+, FGFR3ACH/+ mouse unless otherwise noted 1 Based on vosoritide continuous infusion; *Value estimated using Digitizelt



Human clinical data suggests potential activity in achondroplasia below the threshold for on-target adverse events

We expect our active achondroplasia dose could be >50x lower than our oncology dose, well below known toxicity thresholds in humans

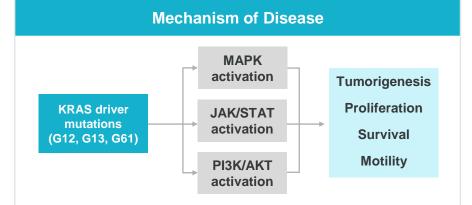


Pediatric normal ranges: source <u>https://www.healthcare.uiowa.edu/path_handbook/appendix/heme/pediatric_normals.html</u> Age range 1 – 15 years of age



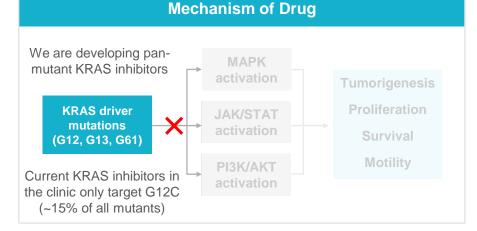
Source: ASHG 2019

BBP-454: Pan-mutant KRAS inhibitor to treat lung, colon, and pancreatic cancer



Impact on patients:

- KRAS is one of the well-known monogenic drivers of cancer
- ~30% of all cancers carry KRAS mutations (high proportions of lung, colorectal, pancreatic)



Program Highlights					
500k+ Patients/year in US+EU are diagnosed with KRAS+ cancer	Tumor type NSCLC Colorectal cancer Pancreatic cance	KRAS+ frequency 30% 45% 98%			
Development status:					
Pre-IND Phase 1	Phase 2	Phase 3			
BBP-454					
Catalysts:					

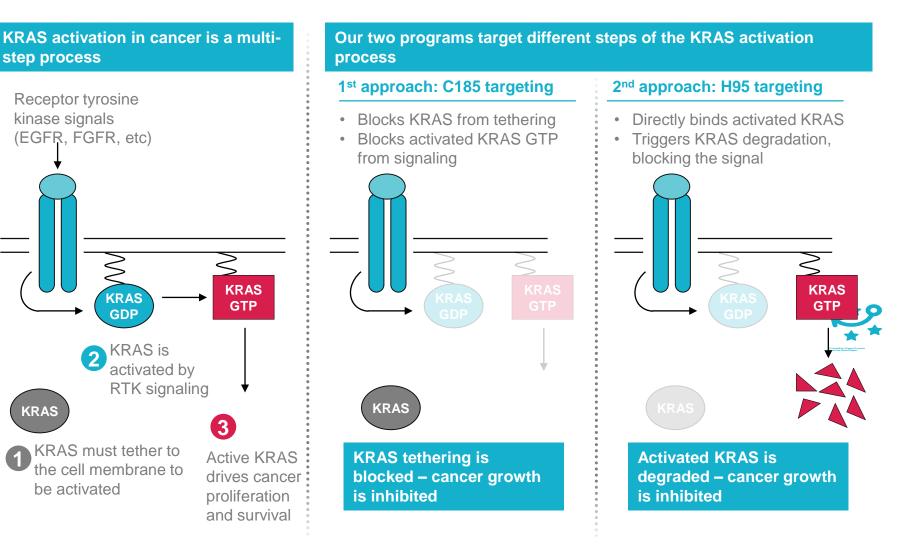
Development candidate selection and IND filing

Key info:

- Platform-like approach to KRAS inhibition driven by a world class research coalition:
 - Led by globally recognized RAS expert Frank McCormick
 - Discovery partnerships with NCI RAS initiative and Lawrence Livermore National Labs
- Two pan-mutant approaches being optimized
 - C185 binders block membrane tethering and activation
 - H95 binders trigger KRAS degradation
- Multiple novel pockets discovered through computational chemistry
- Co-crystal structure solved for H95 compound series

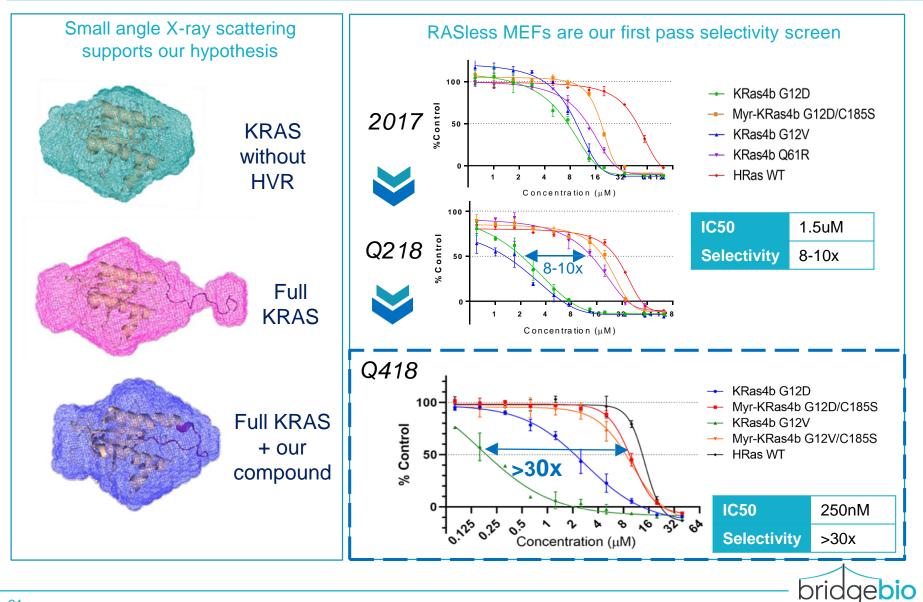


We have two shots on goal with our pan-mutant KRAS inhibitor programs – each with a unique and novel MOA

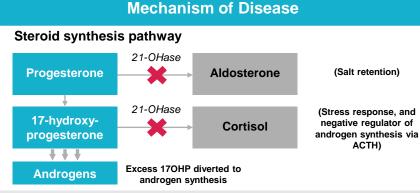




We've built out our C185 screening cascade with additional biophysical and cellular assays, enabling major advances

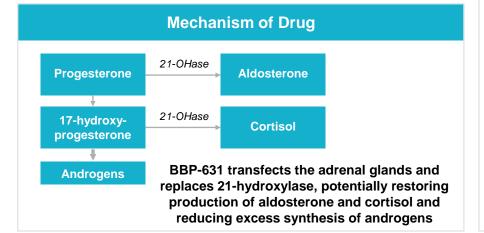


BBP-631: Gene therapy for CAH caused by 210H deficiency



Impact on patients:

- Adrenal crises (can be fatal)
- Lifelong treatment with supraphysiologic steroid, which can cause significant morbidity (CV disease, obesity, bone disease)
- Abnormal sexual development, infertility

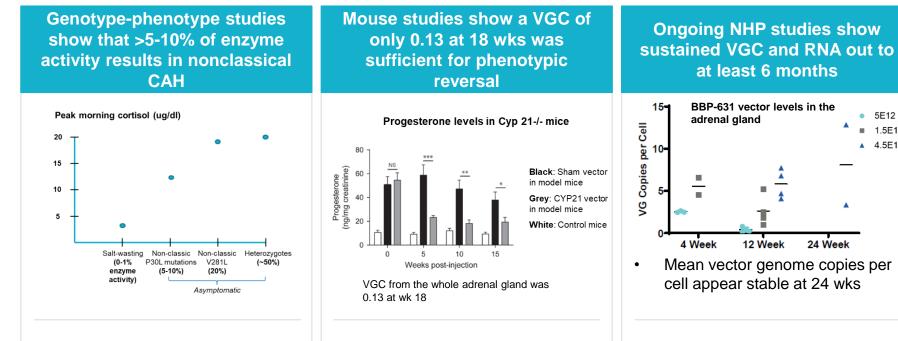




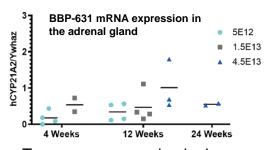
- Durability of expression shown in NHP studies; sustained vector copy number and RNA expression out to at least 6 months
- Clinical GMP manufacturing underway at Paragon; in-house process development and analytical capabilities being developed
- Vector construct designed by Dr. Guangping Gao, a world leader in AAV design
- Genotype-phenotype studies show that 5-10% of enzyme activity may be sufficient for clinical impact



BBP-631 NHP experiments show durable transgene expression; 5-10% of WT enzyme may be sufficient for clinical impact



- Due to the high enzymatic efficiency/selectivity of 21-OHase, only a small amount of enzyme is required to rescue the phenotype
- At 15 weeks in treated mice. progesterone (the key substrate of 210Hase in mice) was significantly reduced vs untreated mice



Transgene expression is dosedependent and stable out at 24 wks



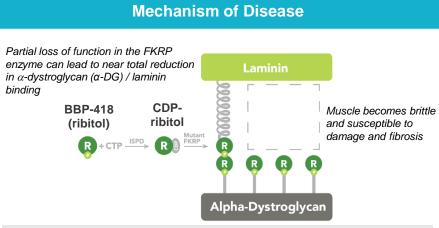
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1.5E13

▲ 4.5E13

Source: ESGCT 2019

ML Bio Solutions overview: BBP-418 (ribitol) for Limb-girdle muscular dystrophy type 2i (LGMD2i)

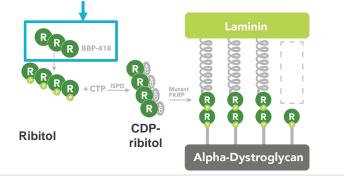


Impact on patients:

- Progressive muscle weakness, leading to loss of ambulation, respiratory function, and cardiac function
- Increased mortality in even the mildest forms of the disease
- No currently approved therapies

Mechanism of Drug

Exogenous BBP-418 (ribitol) partially restores glycosylation





Catalysts:

- Natural history study start 2H19
- IND filing in 2020

Key info:

- In preclinical tolerability studies of BBP-418 in LGMD2i mice, a ~20x window between minimum effective dose and maximum tolerated dose was observed.
- Preclinical studies of BBP-418 in the mouse model of severe LGMD2i (P448L) showed:
 - Clear BBP-418 uptake in target tissues and efficient conversion into FKRP substrate: 4x increases in '418 levels in heart and in leg tissue with similar increases in ribitol-5P and CDP-ribitol
 - Restored α-DG glycosylation in skeletal, cardiac, and diaphragm muscle
 - Improved disease pathology and function: Increase in running time and distance, increase in muscle, decrease in fibrosis, and increase in respiratory function
- FDA Orphan Drug Designation for the treatment of LGMD2i



Mechanism of disease and therapeutic rationale

We have a clear quantita LGMD2i pathophysiology			onale based on quantitativ oduct candidate, BBP-418
FKRP mutants result in partial loss of enzyme	 ~70% or more of enzyme function can be lost May result in complete loss of α-DG glycosylation 	Dose of 2g daily dissolved in water	 Based on the human equivalent dose from animal studies in the severe form of LGMD2i
Up to 100% loss of α- DG glycosylation	 Results in dissociation of muscle fibers from the extracellular matrix Muscles become "brittle" 	Leads to >6x CDP- ribitol in target tissues	 Based on animal PK studies and ~70-90% BBP-418 to FKRP substrate conversion rate in human muscle
Patients with mutation have 4-12% muscle mass	 30-40% is average for an adult without FKRP mutations 	Leading to a 2x or	Based on our estimates from
Reduction in strength by 33-100%	 Based on strength testing across flexors/extensors in human subjects 	greater increase in catalytic rate of mutant FKRP	preclinical studies in the severe LGMD2i mouse model
45%+ lose ambulation, 30%+ cardiomyopathy Increased mortality	 For the mildest form Severe forms impact respiratory & brain function 	50%+ magnitude of benefit on symptoms	 Given significant functional benefits observed in the treated severe LGMD2i mouse model
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Detailed corporate milestone calendar

	2019	2020	2021
	Ph 3 CM Initiation√		Ph 3 CM Data
BBP-265 / TTR stabilizer	Ph 3 PN Initiation		
	Ph 2 OLE Data		
		Achondroplasia Ph 1/2 FPI	Achondroplasia PoC Data
BBP-831 / FGFR 1-3 inhibitor	1L CCA FPI	2L+ CCA NDA	2L+ CCA Approval
		Adjuvant UC Phase 3 FPI	
BBP-631 / CAH gene therapy		IND	POC Data
BBP-454 / Pan-mutant KRASi	H95 Crystal Structure✓		
BBP-870 / cPMP replacement	Rolling NDA		Approval + PRV
PPP 000 (Tonical SMO inhibitor	Gorlin Ph 3 1st Pt Dosed√		Gorlin Ph 3 Data
BBP-009 / Topical SMO inhibitor	HF-BCC Ph 2b Initiation		Gornin Fil S Data
BBP-681 / Topical PI3Ka inhibitor		IND	
BBP-589 / COL7 protein replacement	Ph 1/2 1st Pt Dosed√	Ph 1/2 PoC Data	
BBP-812 / Canavan gene therapy		IND	
BBP-398 / SHP2 inhibitor		IND	
BBP-711 / GO1 inhibitor		IND	
BBP-561 / KLKN5/7 inhibitor			IND
BBP-671 / PanK1/3 activator			IND
BBP-954 / GPX4 inhibitor			IND
BBP-671 / Succinate prodrug			IND



