

Harnessing the Genomic Revolution & Machine Learning to Pioneer Microbiome Therapeutics

CORPORATE PRESENTATION | JUNE 2021

Forward-Looking Statements

Statements contained in this presentation regarding matters that are not historical facts are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995, as amended. Words such as "anticipates," "believes," "expects," "intends," "plans," "potential," "projects," "would" and "future" or similar expressions are intended to identify forward-looking statements. These forward-looking statements include, but are not limited to, statements regarding: the growth, strategy, initiation, timing, progress and results of the Company's current and future research and development programs, preclinical studies and clinical trials and related preparatory work and the period during which the results of such trials will become available, including specifically the initiation and conduct of a Phase 3 trial in recurrent C. difficile and Phase 1 trials in ulcerative colitis, autism and chronic hepatitis B; the Company's ability to obtain regulatory approval of CP101, FIN-211, FIN-524, FIN-525 and any other current and future product candidates that it develops; the Company's ability to develop additional product candidates; its expectations regarding the potential market size and the rate and degree of market acceptance for any product candidates that it develops; the therapeutic value and commercial potential of candidates developed using its Human-First Discovery platform; the completion of its commercial manufacturing facility; and the Company's expected cash runway. Because such statements are subject to risks and uncertainties, actual results may differ materially from those expressed or implied by such forward-looking statements. These risks and uncertainties include, among others: the Company's limited operating history and historical losses; the Company's ability to raise additional funding to complete the development and any commercialization of its product candidates; the Company's dependence on the success of its lead product candidate, CP101; the possibility that the Company may be delayed in initiating, enrolling or completing any clinical trials; results of clinical trials may not be sufficient to satisfy regulatory authorities to approve the Company's product candidates in their targeted or other indications (or such authorities may request additional trials or additional information); results of clinical trials may not be indicative of final or future results from later stage or larger clinical trials (or in broader patient populations once the product is approved for use by regulatory agencies) or may not be favorable or may not support further development; the Company's product candidates, including CP101, may not generate the benefits to patients that are anticipated; anticipated regulatory approvals may be delayed or refused; competition from third parties that are developing products for similar uses; the Company's ability to maintain patent and other intellectual property protection and the possibility that the Company's intellectual property rights may be infringed, invalid or unenforceable or will be threatened by third parties; the Company's ability to qualify and scale its manufacturing capabilities in anticipation of commencement of multiple global clinical trials; the Company's lack of experience in selling, marketing and distributing its product candidates; the Company's dependence on third parties in connection with manufacturing, clinical trials and preclinical studies; and risks relating to the impact and duration of the COVID-19 pandemic on the Company's business. These and other risks are described more fully in the Company's filings with the Securities and Exchange Commission ("SEC"), including the section titled "Risk Factors" in the Company's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on May 13, 2021, as well as discussions of potential risks, uncertainties, and other important factors in the Company's other filings with the SEC. All forward-looking statements contained in this presentation speak only as of the date on which they were made. Except to the extent required by law, the Company undertakes no obligation to update such statements to reflect events that occur or circumstances that exist after the date on which they were made.

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Human-First Discovery[®] is a registered trademark of the Company.



Accomplished leadership team with experience in innovation, development, and commercial execution



Management team has collectively developed >40 approved therapeutics



The microbiome is an untapped target for therapeutic intervention

Humans carry 1000-fold more microbial genes than host genes

>20M microbial genes

The microbiome is an organ system fundamental to human health







Investment Highlights



Differentiated discovery process leveraging clinical data de-risks development

Leading machine learning capability recognized by Takeda partnership

Positive pivotal data with lead asset

Provides clinical validation of Finch's approach

Broad microbiome platform enables applications across diverse therapeutic areas

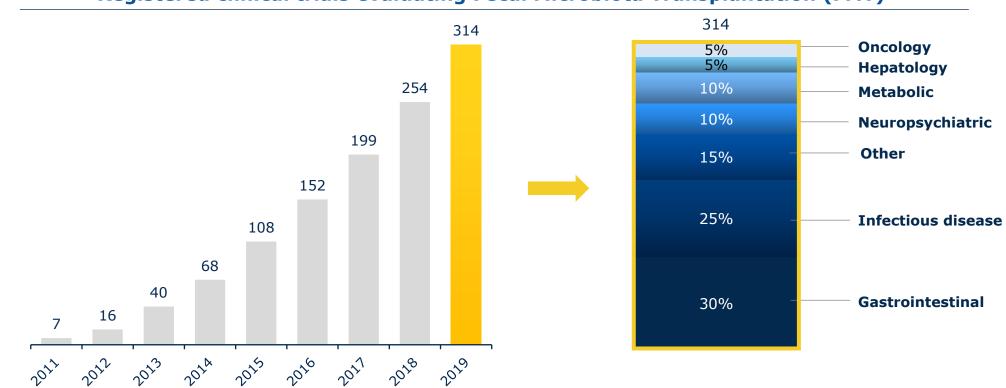
Novel class of orally administered biological drugs, with both complete and targeted capabilities

Pioneers in microbiome research

Extensive database and partnerships enable Finch to capitalize on advances in the field



Growing body of clinical evidence across diverse therapeutic areas

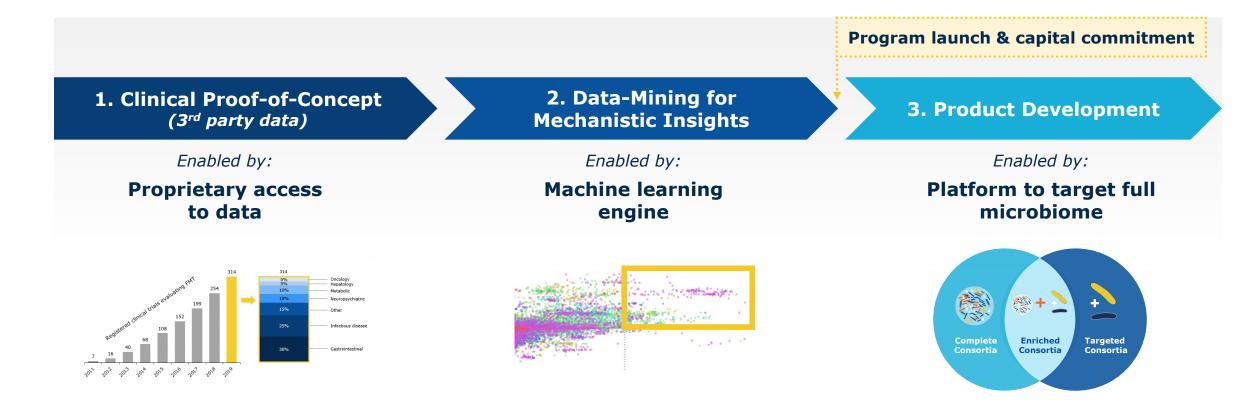


Registered clinical trials evaluating Fecal Microbiota Transplantation (FMT)

Finch has proprietary access to data through strategic partnerships with leading providers of FMT in the US, China and Australia



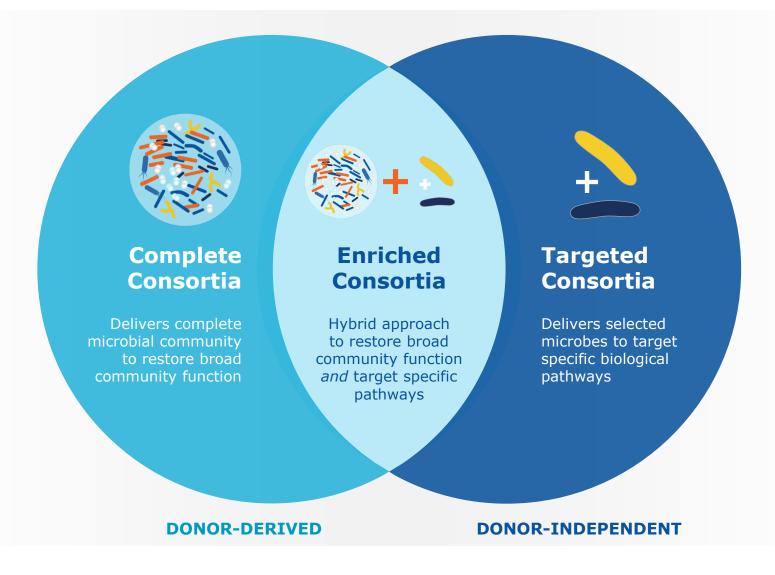
Our Human-First Discovery platform enables capital efficient de-risking



Starting discovery with proof-of-concept human data reduces risk early



Finch is the only company with both complete and targeted approaches for developing microbiome therapeutics





Finch is advancing a diverse portfolio

	Candidate	Indication	Consortia Type	Preclinical	Phase 1	Phase 2	Phase 3	Anticipated Milestone	Program Rights
GI/Immuno	CP101	Recurrent <i>C. difficile</i>	Complete		First pivotal	completed		Initiate Phase 3 trial in mid-2021	>
	FIN-524	Ulcerative Colitis	Targeted					Initiate Phase 1 trial in H1 2022	Takeda
	FIN-525	Crohn's Disease	Targeted					Initiate IND- enabling activities in 2021	Takeda
Neuro	FIN-211	Autism Spectrum Disorder	Enriched					Initiate Phase 1b trial in H2 2021	>
Liver	CP101	Chronic Hepatitis B	Complete					Initiate Phase 1b trial in mid-2021	>





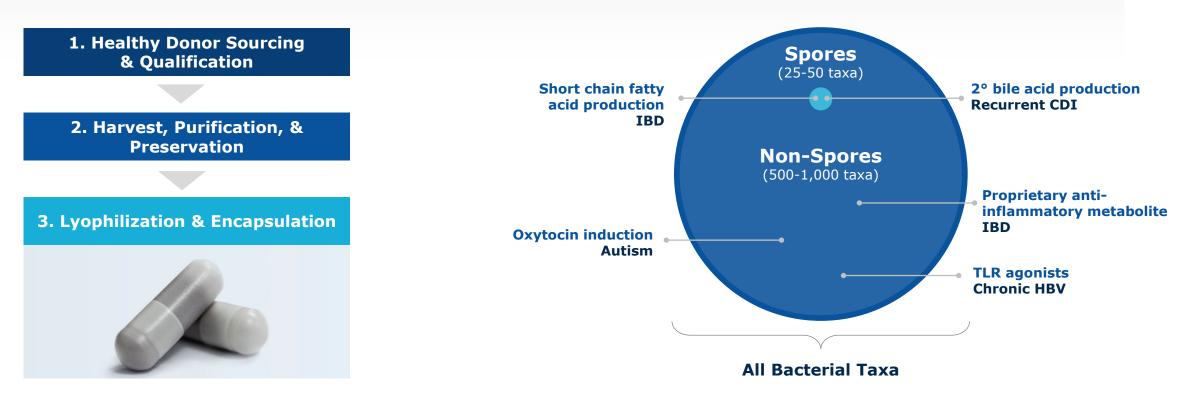
CP101 for Recurrent *C. difficile* **Infection** (CDI)

CP101 delivers a complete microbiome in orally administered capsules

Lyophilization technology optimized to preserve entire community, enabling use across multiple indications

Efficient, scalable manufacturing enabled by molecular screening of donors

Complete consortia composition provides potential for broad label expansion

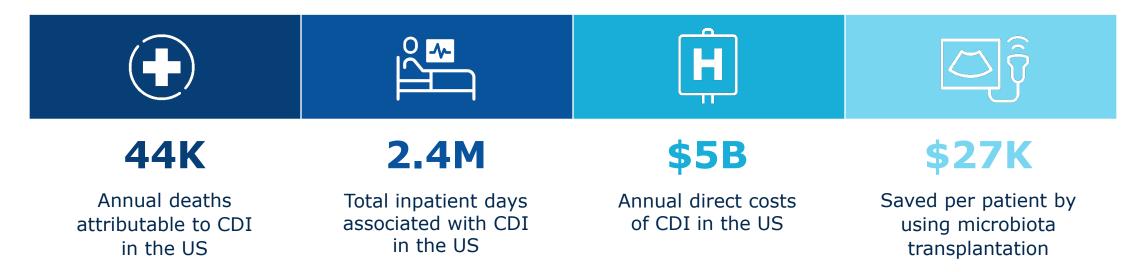




Recurrent CDI is an enormous human and economic burden

CP101 Complete Consortia delivers full microbiome community

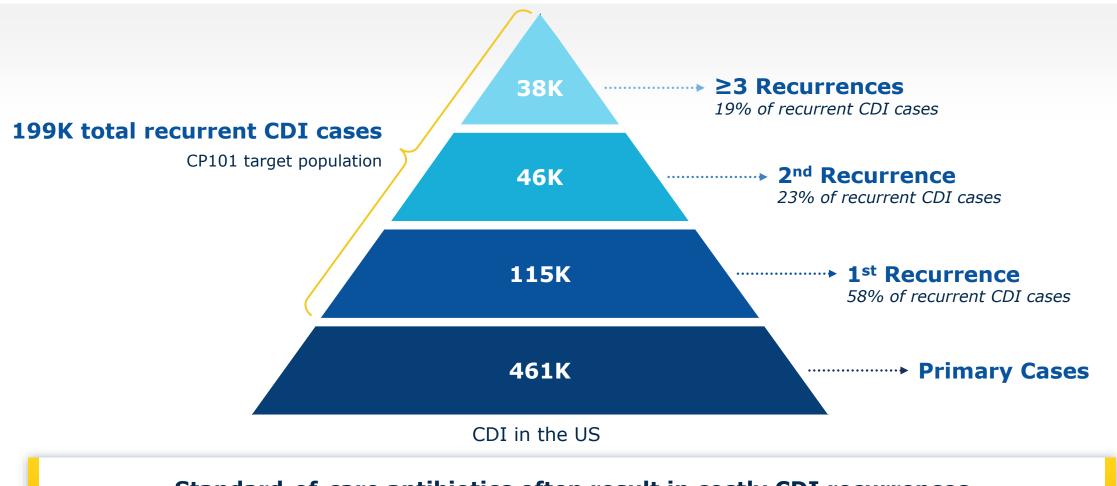




CDC has declared C. difficile a top antibiotic resistant threat

FINCH

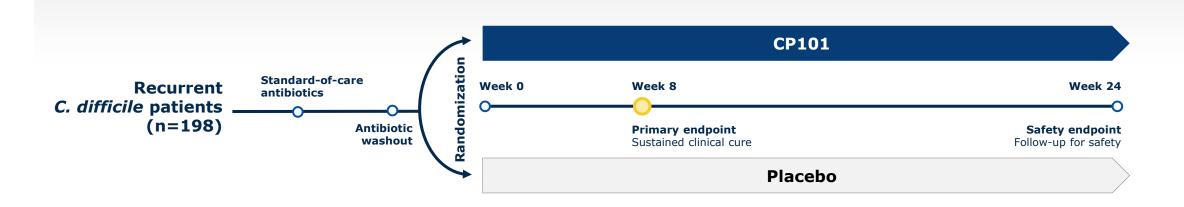
CP101 is positioned to serve a large population in recurrent CDI





PRISM3 designed to demonstrate superiority over SOC antibiotics alone

CP101 evaluated in a broad population to support labeling and market access



PRISM3 enrolled a broad population including:



Patients experiencing their 1st CDI recurrence

Relevance: 58% of all recurrent CDI cases are 1st recurrence



Patients diagnosed with CDI via PCR testing

Relevance: >80% of all CDI cases are diagnosed via PCR



CP101 achieved its primary efficacy endpoint and demonstrated a favorable tolerability profile in PRISM3

CP101 achieved 33.8% relative risk reduction for CDI recurrence

Primary efficacy analysis: Sustained clinical cure through Week 8 Recurrence determined by blinded adjudication board

100% 100+ Log-rank test 90p=0.0488 p = 0.013980% 74.5% 80-70-61.5% 60-60% 50-40-40% Placebo 30-20-20% **CP101** 10-0% 5 10 15 20 25 30 35 40 45 50 55 60 Standard-of-care antibiotics then Standard-of-care antibiotics then **CP101** Placebo **Days Post Randomization** n=102 n=96

placebo

CP101's effect was durable over time compared to

Percentage of participants with CDI recurrence (%)

Recurrence determined by blinded adjudication board

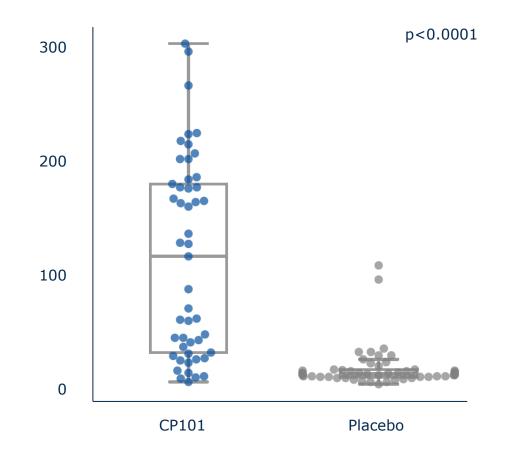
CP101 met its primary efficacy endpoint in a broad population, with no treatment-related SAEs in the CP101 arm



CP101 engrafts new species, altering the structure of the microbiome

CP101 shows significant engraftment overall

Number of engrafted CP101-associated taxa

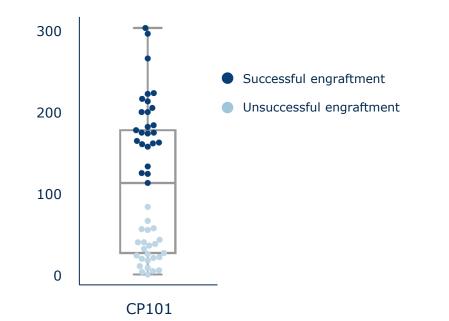




CDI

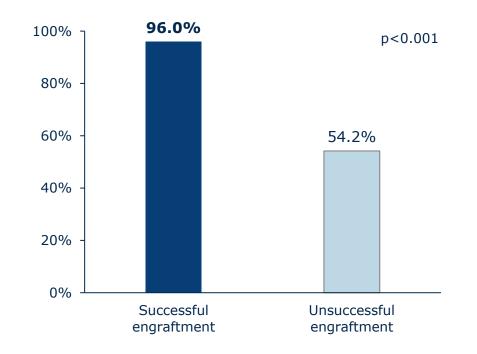
Strong relationship between CP101 engraftment and clinical outcomes in PRISM3

Engraftment shows a bimodal distribution



Number of engrafted CP101-associated taxa

Engraftment correlates with sustained clinical cure

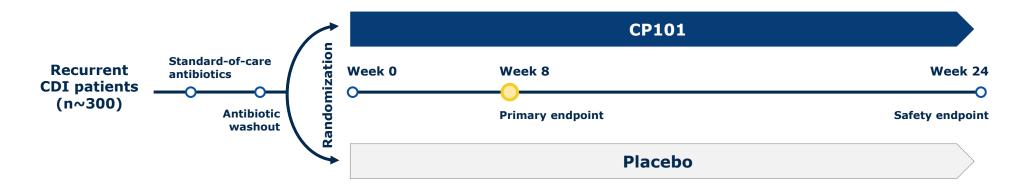


Sustained clinical cure by engraftment group



Phase 3 trial of CP101 in recurrent CDI is initiating in mid-2021

PRISM4 is designed to serve as a second pivotal trial to support a BLA for CP101



Key Features

- 1. Extension of antibiotic washout period to enhance engraftment
- 2. Sample size increased to enhance power
- 3. Global study to support marketing authorizations outside the US

Topline PRISM4 data readout expected in H1 2023



Additional CP101 data reading out in 2021

PRISM-EXT is an open-label study providing safety and efficacy data in recurrent CDI



Additional clinical data with CP101 will contribute to overall safety database





CDI

Convenient, one-time oral capsule delivery



- Achieved primary endpoint in a broad population:
- All stages of recurrent CDI
- All test methods for CDI diagnosis



Fast Track and Breakthrough Therapy designations for prevention of recurrent CDI



Efficient, scalable manufacturing enabled by molecular rather than chemical pathogen exclusion



Complete consortia composition provides potential for broad label expansion

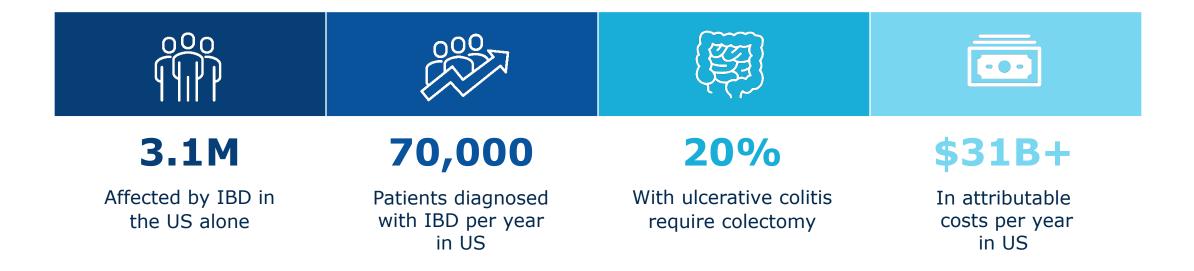




FIN-524 & FIN-525 for Inflammatory Bowel Disease (IBD)

Finch & Takeda working together to develop new therapeutics for IBD



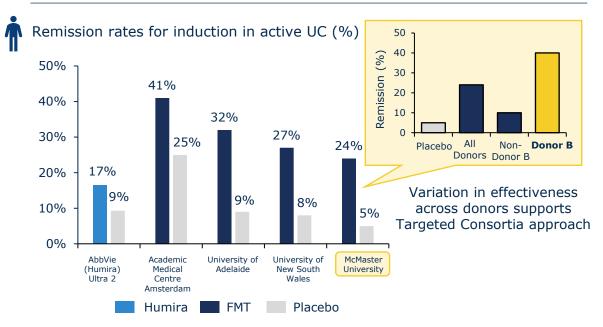


Large unmet need for well-tolerated, effective therapeutics administered orally

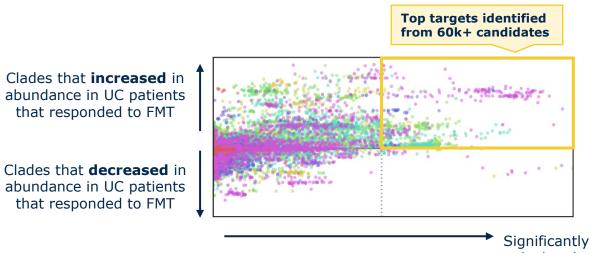


Finch's machine learning platform enables identification and isolation of promising targets from clinical data

Four placebo-controlled FMT trials show compelling results compared to current standard of care



Platform used to identify "super donor" strains as potential therapeutic candidates



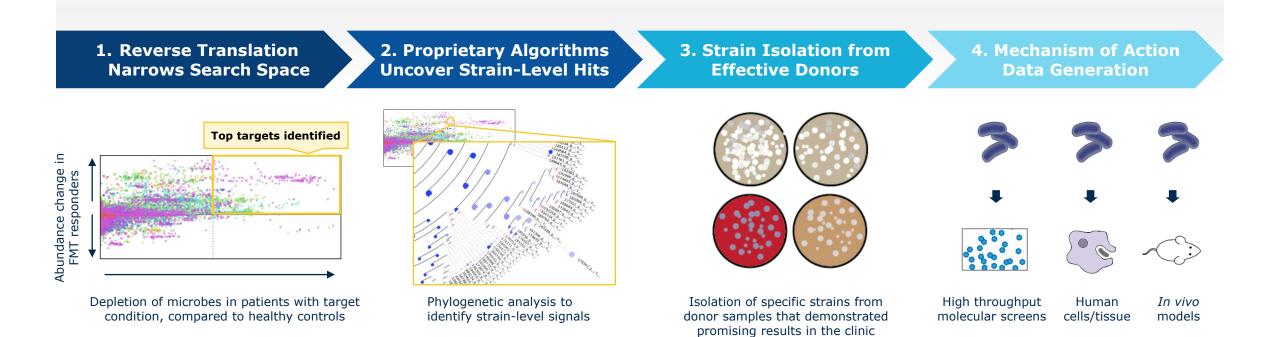
Depletion of clades in UC patients compared to healthy individuals

depleted

FIN-524 and FIN-525 illustrate the power of Finch's platform for the development of Targeted Consortia



Finch's combination of proprietary data and machine learning capabilities enable differentiated Targeted Consortia



Finch's platform brings the power of AI to microbiome therapeutic development



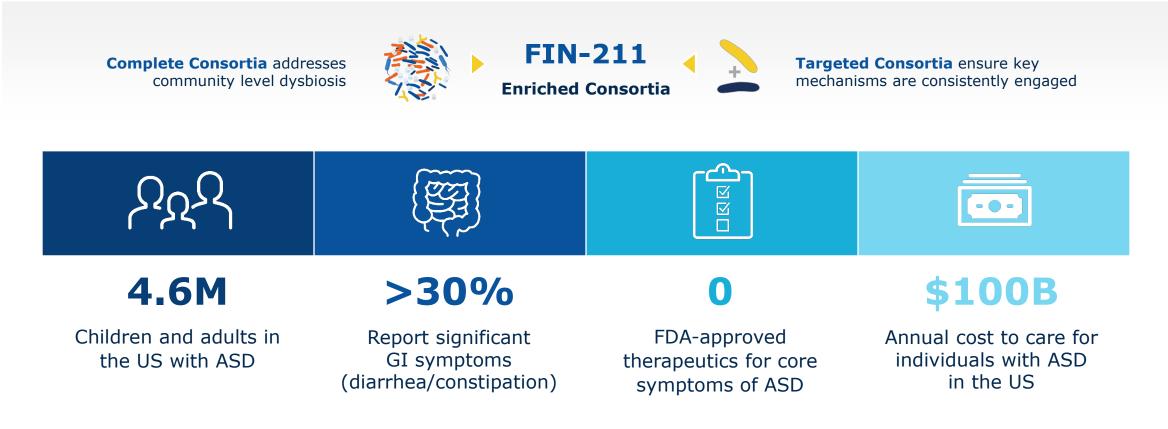


FIN-211 for Autism Spectrum Disorder (ASD)

FINC

ASD is a significant unmet need linked to the gut-brain axis

Finch plans to initially focus on the subset of the ASD population suffering from significant GI symptoms



Autism is a large unmet need with no FDA-approved therapeutics for core symptoms

Multiple lines of evidence point to the role of the microbiome in ASD

1. Dysł	piosis
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- Distinct microbiome composition among individuals with ASD
- Early life events that impact the microbiome are associated with increased risk of ASD
 - Cesarean section:33% higher ASD risk
 - Reduced breast feeding:
 93% 107% higher ASD risk

Antibiotics:
 144% - 264% higher ASD risk

2. Mechanistic insights

Oxytocin:

- Depleted levels of oxytocin in those with ASD
- Key, non-spore microbes induce oxytocin production

Gut barrier:

- Impaired gut barrier integrity and translocation of behavior-influencing metabolites (e.g. 4-EPS)
- Microbiome enhances gut barrier integrity

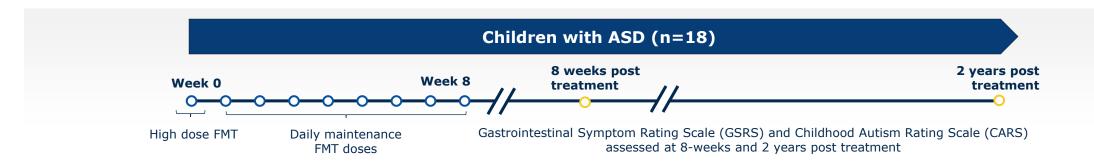
3. PoC FMT clinical studies

 Multiple FMT studies show improvements in both GI and behavioral endpoints

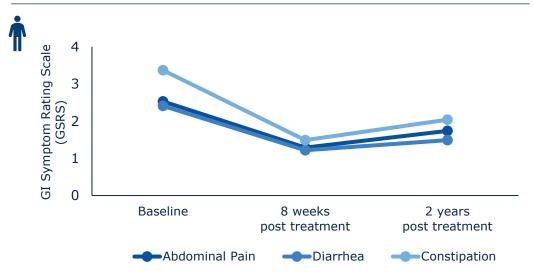
	Study	Number of participants	GI improvement	Behavioral improvement
	Ward (2016)	9	N/A	✓
	Kang (2017)	18	✓	✓
	Zhao (2019)	48	√	✓
	Li (2019)	85	✓	✓
	Huanlong (unpublished)	31	✓	✓
	Total	191		



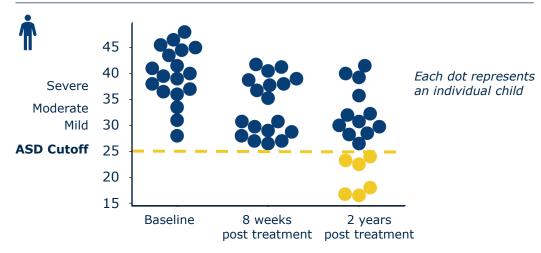
Open label data shows improvements in both GI and behavioral symptoms following microbiota transplantation



58% reduction in GI symptoms at 2 years post treatment compared to baseline



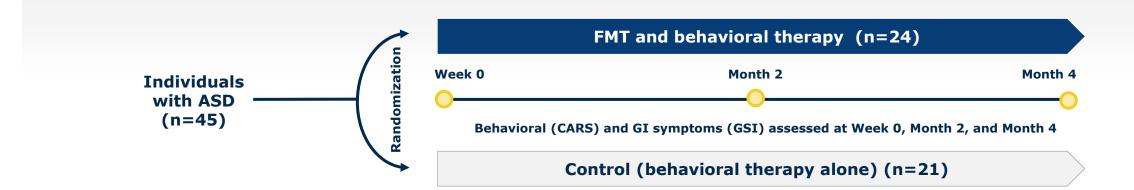
33% of children below the cutoff for ASD diagnosis at 2 years post treatment





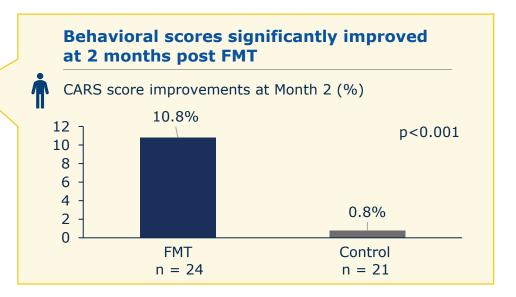
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Randomized, independent clinical study showed improvement in both GI and behavioral symptoms following microbiota transplantation



Results at 2 months post FMT

- GI severity index (GSI) significantly improved
- Behavioral (CARS) scores significantly improved
- Microbiome shifted towards a healthy composition

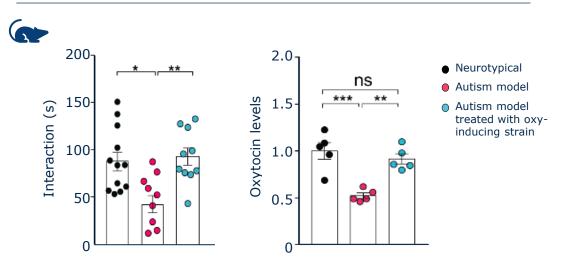




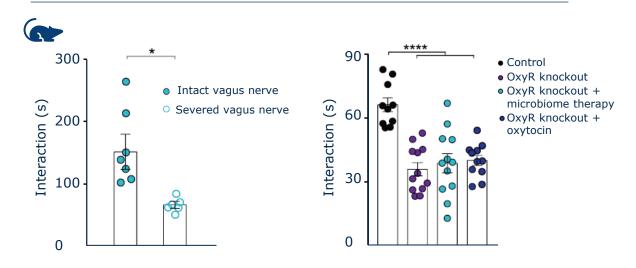
Preclinical data show oxytocin-dependent behavioral improvements with microbiome therapy



Microbiome therapy restores neurotypical behavior and oxytocin production



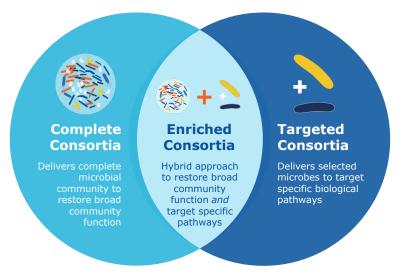
Therapeutic benefit is eliminated when vagus nerve is severed or oxytocin receptor knocked out



FIN-211 is positioned to address a tremendous unmet need

Enriched Consortia product strategy

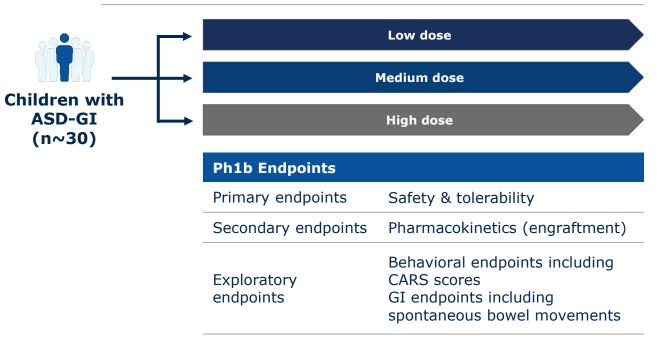
Designed to address both community-level and species-level dysbiosis in pediatric friendly formulation



Pre-IND FDA feedback yielded two key insights

- 1. FIN-211 may proceed directly to children with ASD
- 2. Demonstrating benefit for *either* GI or behavioral symptoms could support a BLA

Phase 1b will evaluate multiple dosing regimens







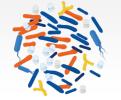
CP101 for Chronic Hepatitis B Virus (HBV)

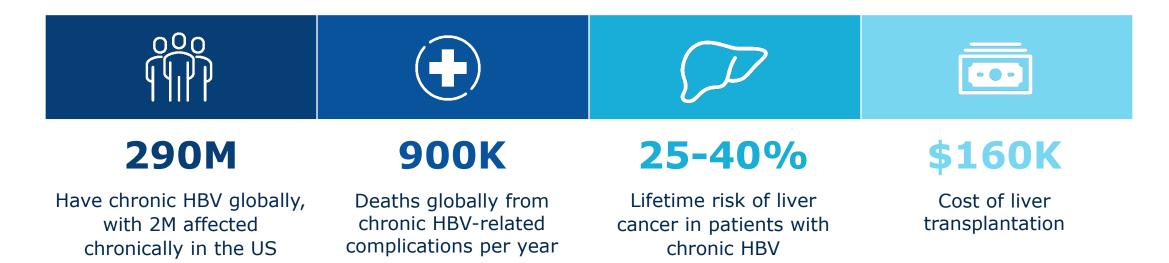
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Chronic HBV is the first label expansion opportunity for CP101

Clinical data support the role of microbiome in chronic HBV

CP101 Complete Consortia delivers full microbiome community





Microbiome mediated immune activation presents a novel mechanism for chronic HBV

Current therapeutic strategies aim to disrupt viral activity or activate an immune response

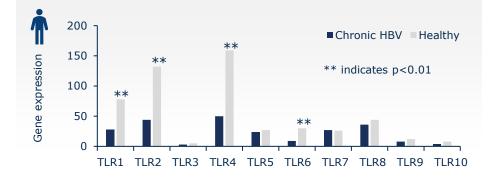
Strategy #1: Disrupt viral activity Strategy #2: Activate immune response • Nucleos(t)ide analogs • Interferon • siRNA • Checkpoint inhibitors • Toll-like receptor (TLR)-agonists

1. Dysbiosis

- Distinct microbiome composition among chronic HBV patients
- Epidemiological and murine data link the microbiome to the deficient immune response that leads to chronic HBV

TLR pathways broadly downregulated in chronic HBV, but plays critical role in immune clearance of HBV

2. Mechanistic insights



 Microbiome upregulates multiple TLR pathways, a mechanism that has been shown to inhibit replication and facilitate HBV clearance

3. PoC FMT clinical studies

 3 FMT trials demonstrate significant anti-viral activity in chronic HBV patients



HBV

Studies show that a functional microbiome enables HBV clearance

Mechanism tied to immune activation

Epidemiological data shows that risk of chronic HBV is correlated with age

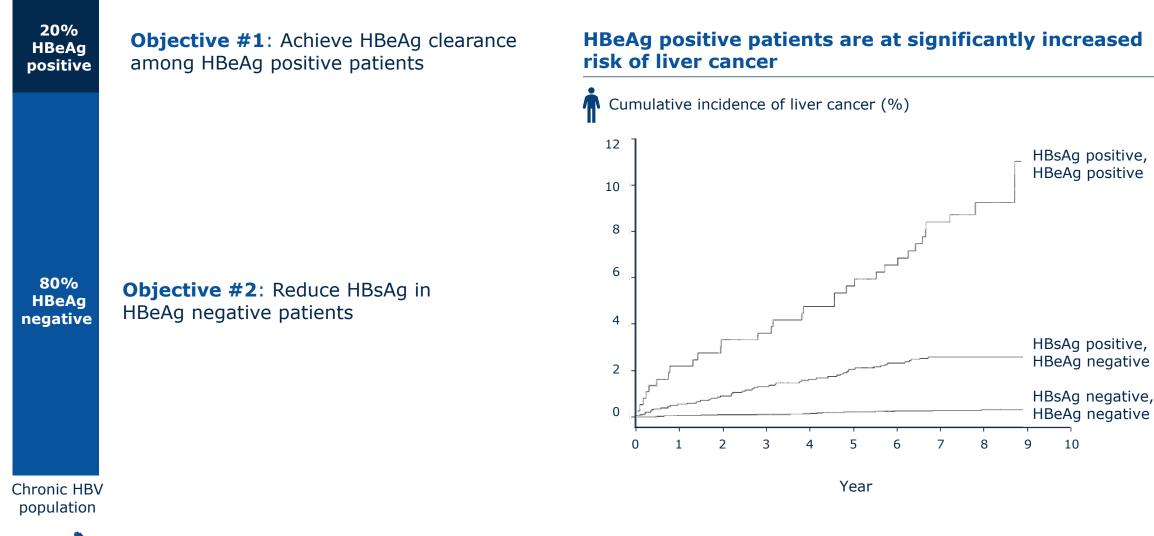
Ť	Age (years)	Susceptibility to Chronic HBV		
	Adults (18+)	<1 - 12%		
	Infant (<1)	90%		

Murine data shows age-dependent susceptibility can be reversed through microbiome manipulation

	Age	Microbiome Status	Susceptibility to Chronic HBV	
	Adult	Mature (no intervention)	No	
		Disrupted (antibiotic treated)	Yes	
	Pup	Immature (no intervention)	Yes	
		Mature (microbiota transplantation from adult mouse)	No	



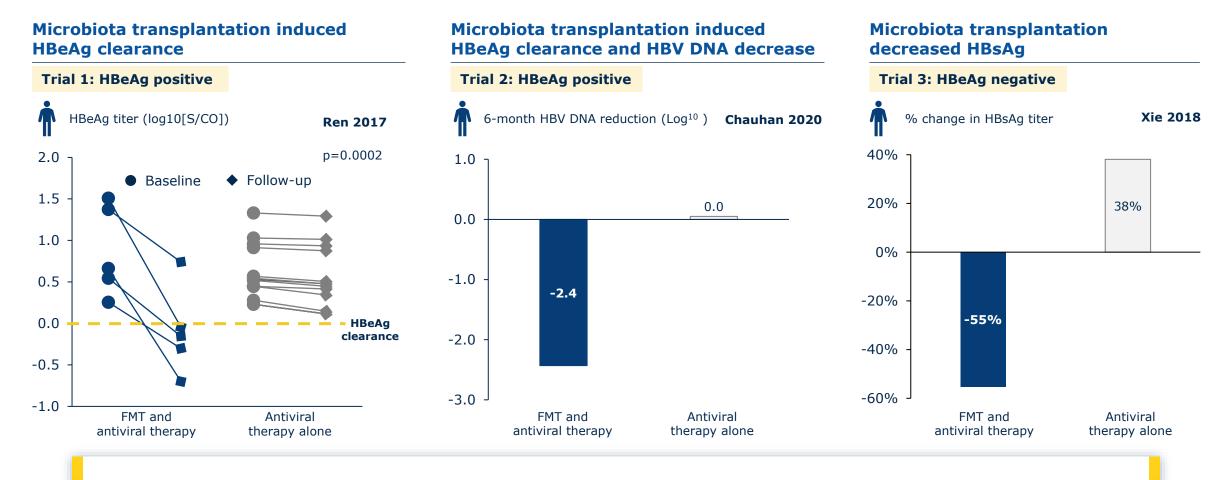
CP101 is positioned to address two important clinical objectives



FINCH

HBV

Multiple clinical studies with microbiota transplantation show improved HBV clearance

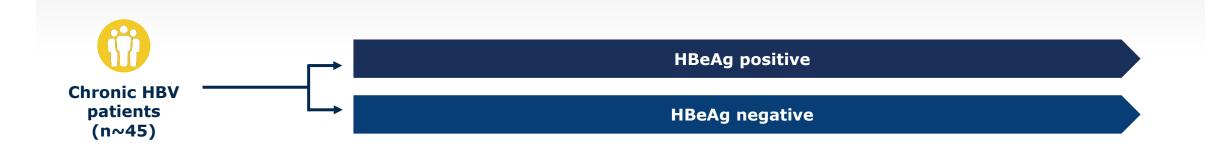


Addressing community-level dysbiosis led to improvement of HBV endpoints



Finch plans to start a Phase 1b study of CP101 in chronic HBV in 2021

Trial will evaluate outcomes in two key subpopulations



Ph 1b Endpoints				
Primary endpoints	Safety & tolerability			
Secondary endpoints	Pharmacokinetics (engraftment)			
Exploratory endpoints	Hepatitis B viral endpoints including HBsAg, HBeAg, HBV DNA Mechanistic biomarkers including immune and metabolic markers			





Anticipated Milestones

Finch positioned to continue momentum

Anticipated milestones







Harnessing the microbiome to transform patients' lives