synlogic

Developing a new class of living medicines

R&D Event May 27, 2020

R&D Event Kick Off

Dr. Elizabeth Wolffe, PhD

Head of Investor and Corporate Communications



Synlogic Leadership Experienced Management + Top-Flight Investors



Aoife Brennan, MB ChB President & CEO

Biogen | Tolerx



Richard Riese, MD PhD CMO

Alynlam | Alexion | Pfizer



Gregg Beloff, JD Interim CFO

Danforth Advisors



Antoine Awad Head of Tech Ops

Abpro | LEAF | Merrimack



Amanda Kay, PhD Head of BD & Strategy Pfizer | L.E.K Consulting Genzyme



synlogic

Caroline Kurtz, PhD Head of Product Development

Ironwood | Genzyme

- Board

Peter Barrett, Chair Atlas Venture

Mike Burgess Turnstone Biologics

Chau Khuong Orbimed Advisors

Nick Leschly Bluebird Bio **Ed Mathers** NEA

Michael Powell Sofinnova

Richard Shea Syndax Pharmaceuticals

Patricia Hurter Lyndra Therapeutics

Collaborators



Our Agenda Today

Introduction & Welcome	Dr. Aoife Brennan, President & CEO
Synlogic's Product Engine	Dr. Amanda Kay, Head of Strategy & Business Development Tony Awad, Head of Technical Operations
Metabolic Programs	Dr. Caroline Kurtz, Head of Product Development
Metabolic Programs: Focus on Enteric Hyperoxaluria	Dr. Richard Riese, Chief Medical Officer Special Guest: Dr. David Goldfarb, New York University
Immuno-Modulation: Upregulation & Downregulation	Dr. Amanda Kay Dr. Caroline Kurtz
Q & A	Synlogic Leadership Team & Dr. David Goldfarb
Concluding Remarks	Dr. Aoife Brennan



Forward Looking Statements

This presentation contains "forward-looking statements" that involve substantial risks and uncertainties for purposes of the safe harbor provided by the Private Securities Litigation Reform Act of 1995. All statements, other than statements of historical facts, included in this presentation regarding strategy, future operations, future financial position, future revenue, projected expenses, prospects, plans and objectives of management are forwardlooking statements. In addition, when or if used in this presentation, the words "may," "could," "should," "anticipate," "believe," "estimate," "expect," "intend," "plan," "predict" and similar expressions and their variants may identify forward-looking statements. Examples of forward-looking statements include, but are not limited to, the approach we are taking to discover and develop novel therapeutics using synthetic biology; statements regarding the potential of our platform to develop therapeutics to address a wide range of diseases, including: metabolic diseases, inflammatory and immune disorders, and cancer; the future clinical development of Synthetic Biotic medicines; the potential of our technology to treat phenylketonuria and cancer; the expected timing of our anticipated clinical trial initiations and availability of clinical data; the benefit of orphan drug and fast track status; the adequacy of our capital to support our future operations and our ability to successfully initiate and complete clinical trials; the results of our collaborations; and the difficulty in predicting the time and cost of development of our product candidates. Actual results could differ materially from those contained in any forward-looking statement as a result of various factors, including, without limitation: the uncertainties inherent in the preclinical development process; our ability to protect our intellectual property rights; and legislative, regulatory, political and economic developments, as well as those risks identified under the heading "Risk Factors" in our filings with the SEC. The foregoing review of important factors that could cause actual events to differ from expectations should not be construed as exhaustive and should be read in conjunction with statements that are included herein and elsewhere, including the risk factors included in our quarterly report on Form 10-Q filed with the SEC on May 8, 2020, and in any subsequent filings we make with the SEC. The forward-looking statements contained in this presentation reflect our current views with respect to future events. We anticipate that subsequent events and developments will cause our views to change. However, while we may elect to update these forward-looking statements in the future, we specifically disclaim any obligation to do so. These forward-looking statements should not be relied upon as representing our view as of any date subsequent to the date hereof.

Opening Remarks

Dr. Aoife Brennan MB CHB

President & CEO



Synthetic Biotic™ Medicines Designed For Life

Synlogic's mission is to address patients' dynamic therapeutic needs by developing living medicines that sense and respond to disease

Synthetic Biotic Medicines: A New Class of Potent Living Medicines

Bacteria & Humans Co-Evolved & Co-Exist



What If We Could Rationally Design Bacteria To Provide Clinical Benefit?



The Result Is Therapeutic Bacteria With Potent And Programmable Therapeutic Effects



Platform For Clinical Benefit Across Multiple Disease States



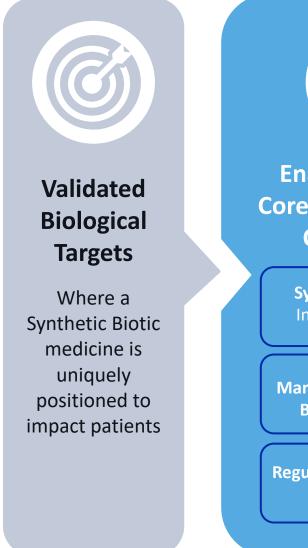
Validated Biological Targets

Where a Synthetic Biotic medicine is uniquely positioned to impact patients

synlogic

© 2020 SYNLOGIC. 2020 R&D EVENT. ALL RIGHTS RESERVED. | 9

Platform For Clinical Benefit Across Multiple Disease States





Platform For Clinical Benefit Across Multiple Disease States



Validated Biological Targets

Where a Synthetic Biotic medicine is uniquely positioned to impact patients

Enabling Engine Core Differentiating Capabilities

> Synthetic Biology Internal + Ginkgo

Manufacturing of Live Biotherapeutics

Regulatory, Translationa & Clinical Dev. **9**

Internal Pipeline: Metabolic Programs

Consumption of toxic metabolites from the GI tract

Platform For Clinical Benefit Across Multiple Disease States



Validated Biological Targets

Where a Synthetic Biotic medicine is uniquely positioned to impact patients

Enabling Engine Core Differentiating Capabilities

> Synthetic Biology Internal + Ginkgo

Manufacturing of Live Biotherapeutics

Regulatory, Translationa & Clinical Dev. **9**

Internal Pipeline: Metabolic Programs

Consumption of toxic metabolites from the GI tract



External & Partnered Pipeline: Immunomodulation

Immunology and oncology: Leveraging the ability of bacteria to interact with the immune system

Advancing Synthetic Biotic Medicines Rapidly Into & Through The Clinic

		Exploratory	Preclinical	IND-Enabling Studies	Phase 1	Phase 2
	Phenylketonuria	SYNB1618				
Advanced	Enteric Hyperoxaluria	SYNB8802				
	Maple Syrup Urine Disease (MSUD)					
	Phenylketonuria (second generation)					
	Immuno-Oncology Solid Tumors	SYNB1891				
	Inflammatory Bowel Disease				ŀ	(ey
New	SARS-CoV2 Vaccine				Metabol	ic Diseases
New	Other Inflammation Programs				Immunomodulation	

Multiple Expected Upcoming Milestones

Synlogic Entering Data Rich Period In The Clinic

	Expected Milectone		2020			2021	
	Expected Milestone	early	mid	late	early	mid	late
SYNB1618 PKU	Initiate Ph.2 study in PKU patients Ph.2 Phe-lowering read-out						
SYNB8802 HOX	Initiate IND-enabling studies Initiate Ph.1 study in HV and Patients	initiated					
	Ph.1 Patient Read-out						
SYNB1891 I/O	Ph.1 Monotherapy read-out Initiate Ph.1 combination study arm						
1/0	Ph.1 Combination therapy read-out						

Significant Clinical Readouts Within Our Current Cash Window



Executive Summary

- We are building a therapeutic platform with potential to benefit patients in new ways
- We have the **team**, technology and portfolio to succeed
- Rapidly progressing internal metabolic programs through POC
 - SYNB1618 (PKU) demonstrates activity in vivo and moving to Phase 2
 - Accelerated plan for SYNB8802 in enteric hyperoxaluria
- Building portfolio of **partner-able assets** in immunology and oncology
- Funded through multiple upcoming milestones across clinical portfolio



Synlogic's Product Engine

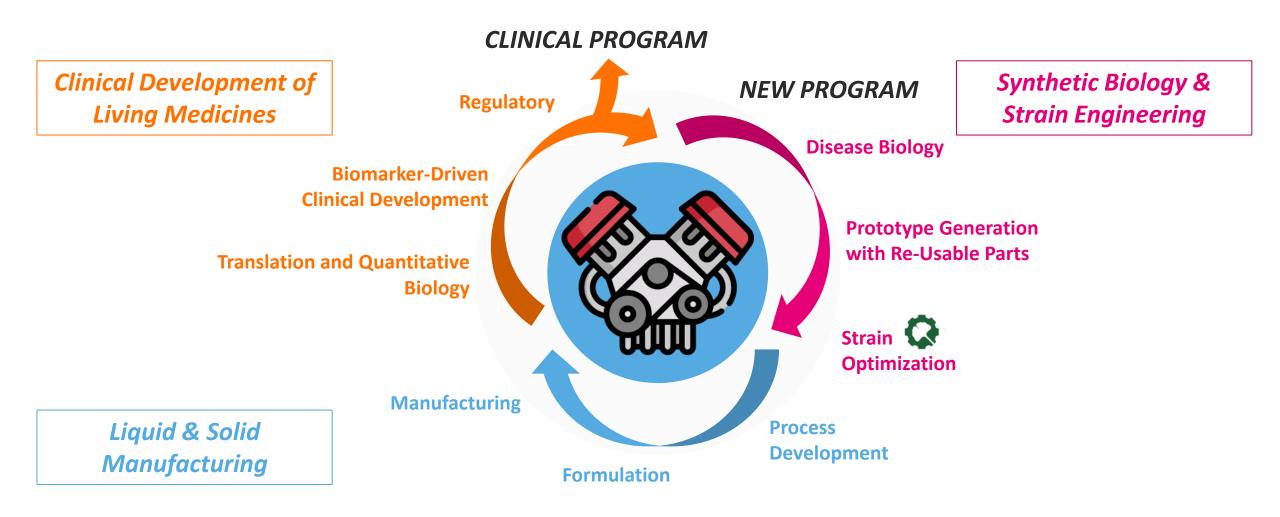
Dr. Amanda Kay, PhD Head of Strategy & Business Development

Tony Awad, Head of Technical Operations

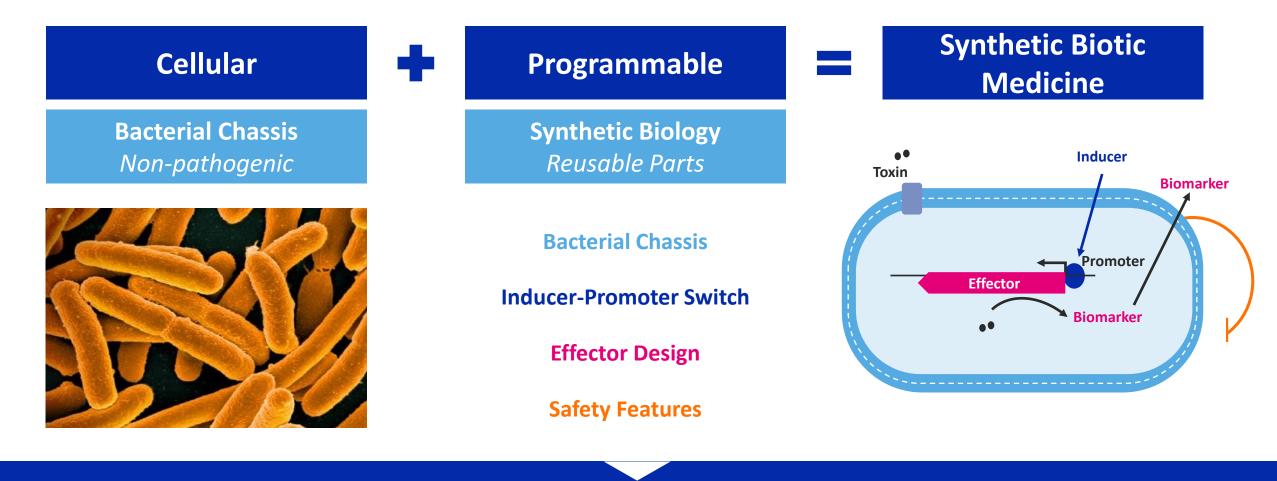


We Have Built the Engineered Living Medicine Engine

Clinical Synthetic Biotic Program Experience Informs the Next Wave of Programs



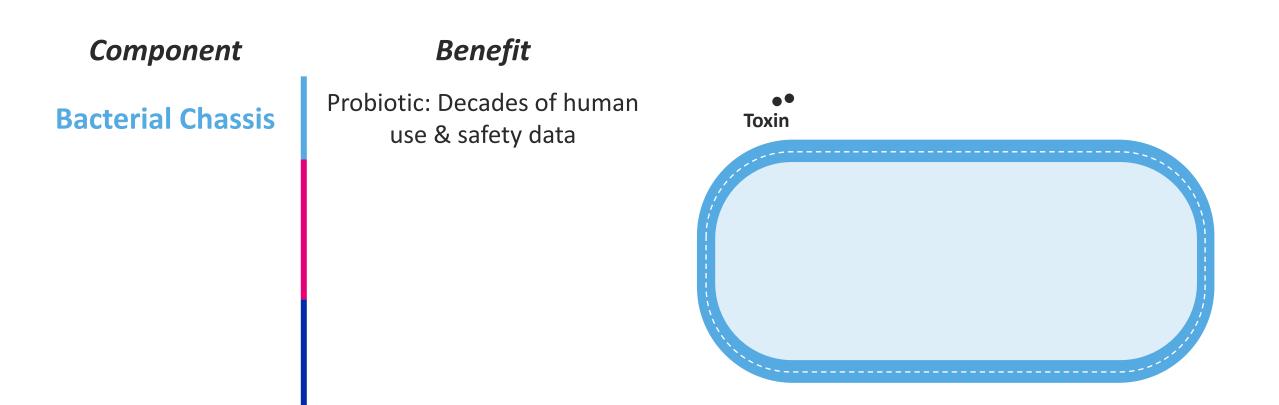
Synthetic Biotic Medicines: A New Class of Dynamic Living Medicines



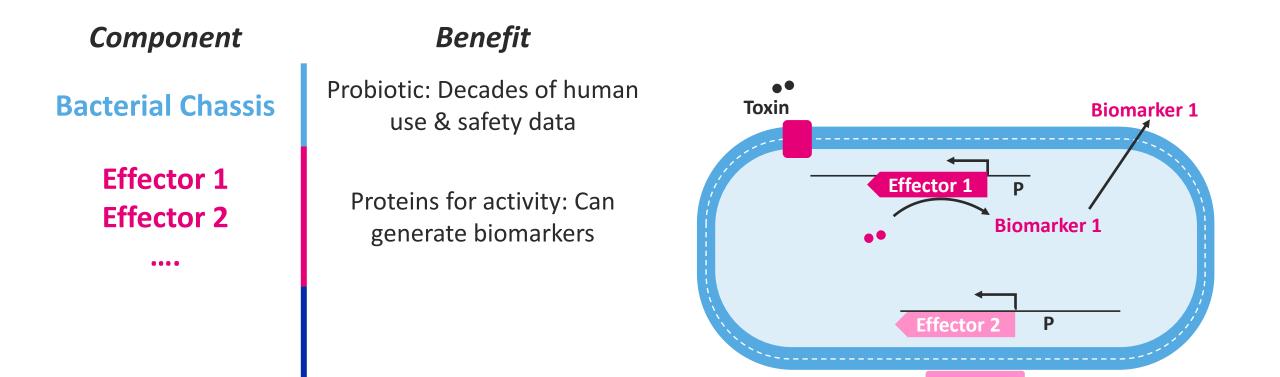
Reusable Parts Enable Rapid Iteration Of Rationally Designed Prototypes



Synthetic Biology Library Rapidly Generates Drug Candidates

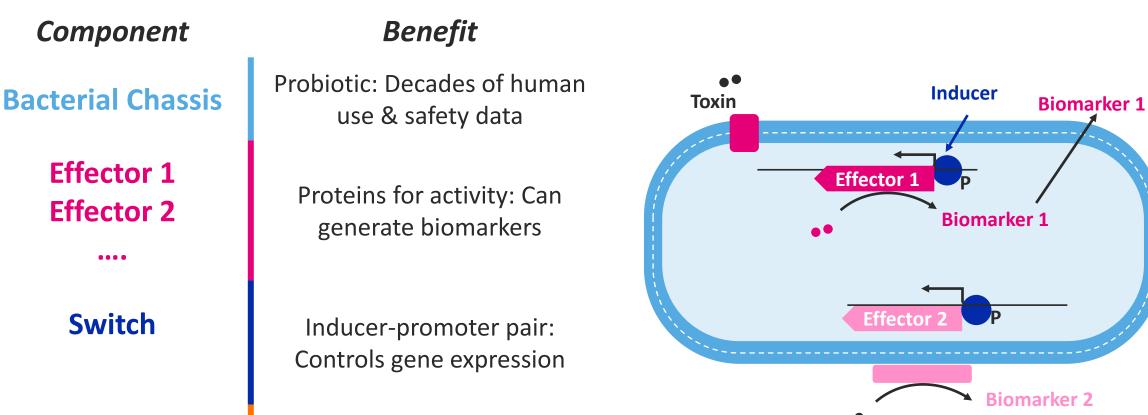


Synthetic Biology Library Rapidly Generates Drug Candidates

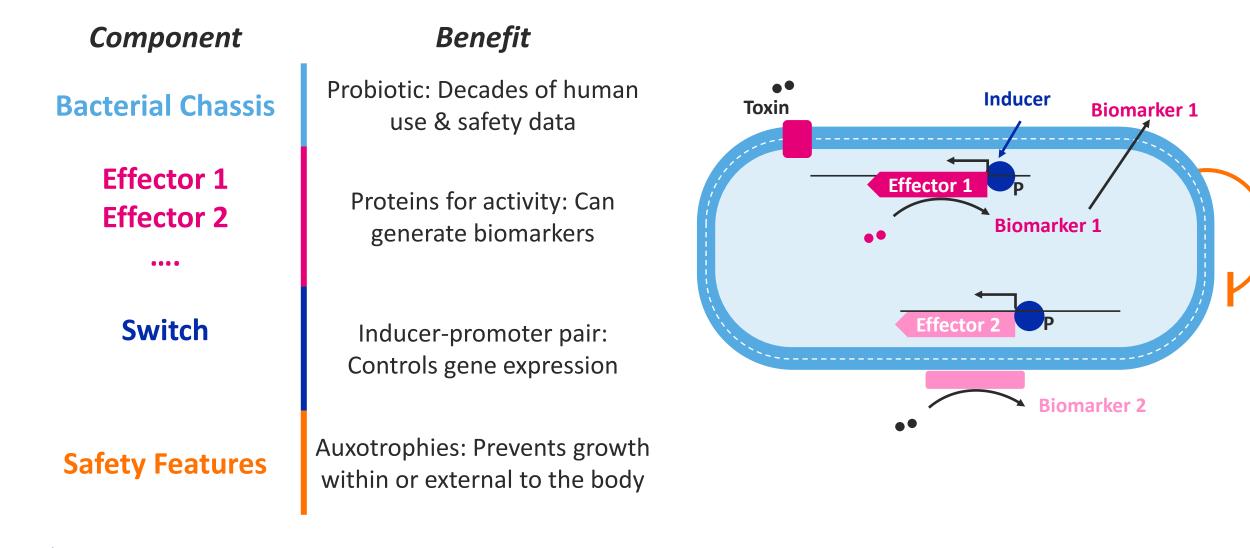


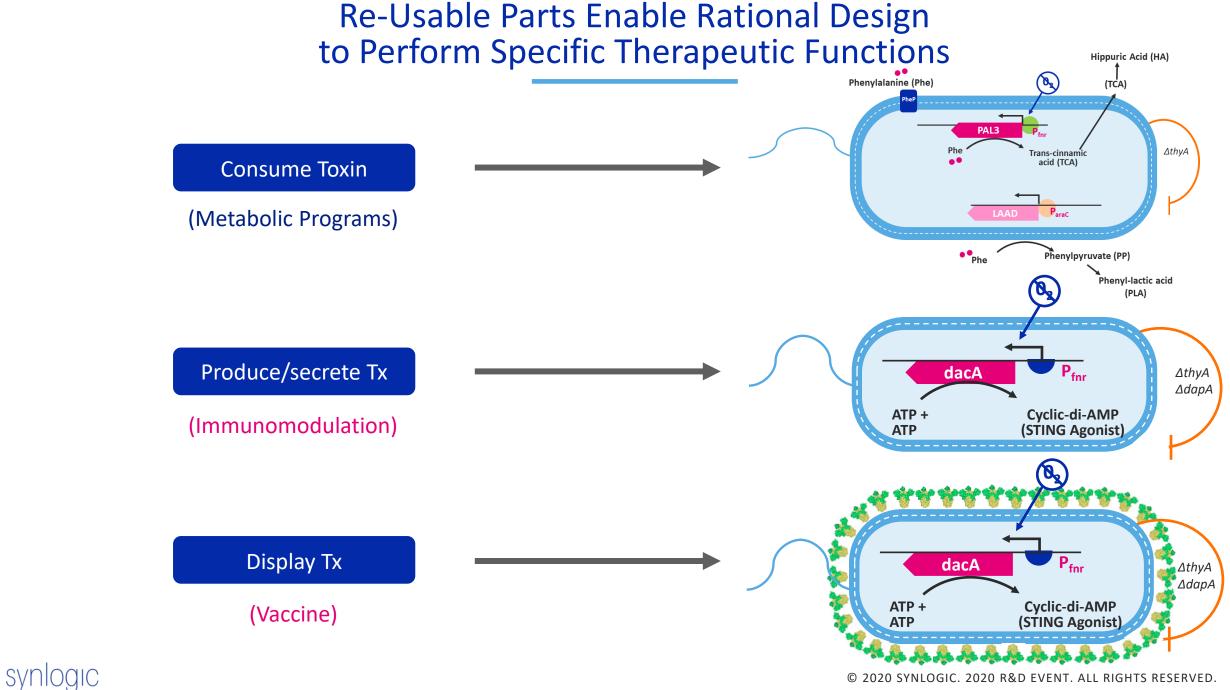
Biomarker 2

Synthetic Biology Library Rapidly Generates Drug Candidates



Synthetic Biology Library Rapidly Generates Drug Candidates





Engineered Strain Development Approach

Deliver Candidate Quality Strains in a Timely and Resource Efficient Manner

Therapeutic Idea

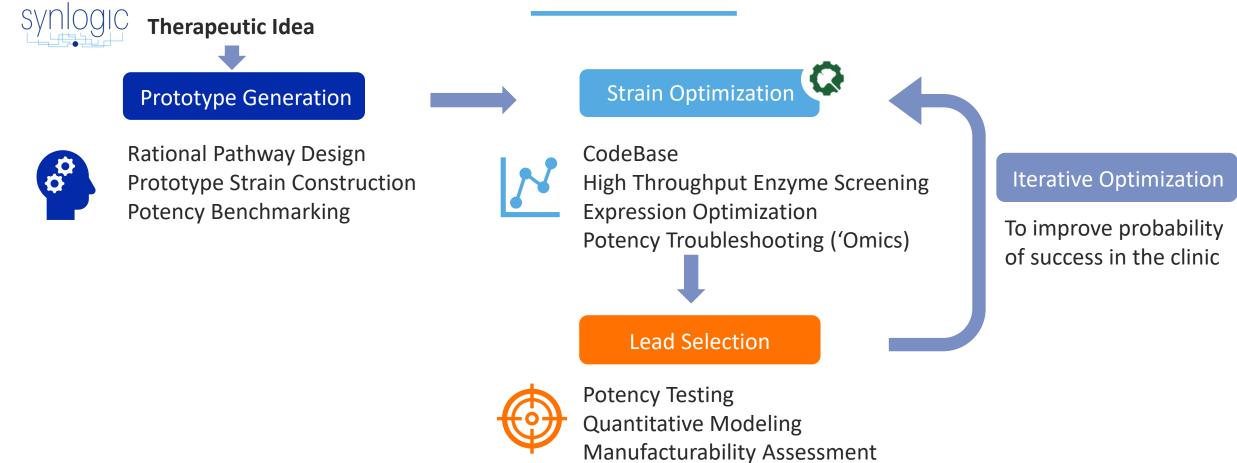




Rational Pathway Design Prototype Strain Construction Potency Benchmarking

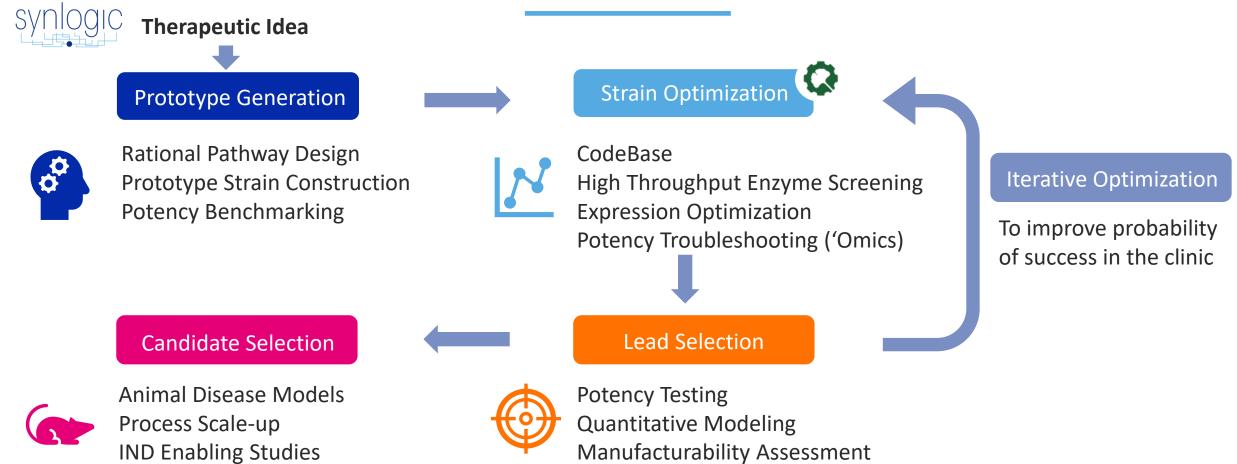
Engineered Strain Development Approach

Deliver Candidate Quality Strains in a Timely and Resource Efficient Manner



Engineered Strain Development Approach

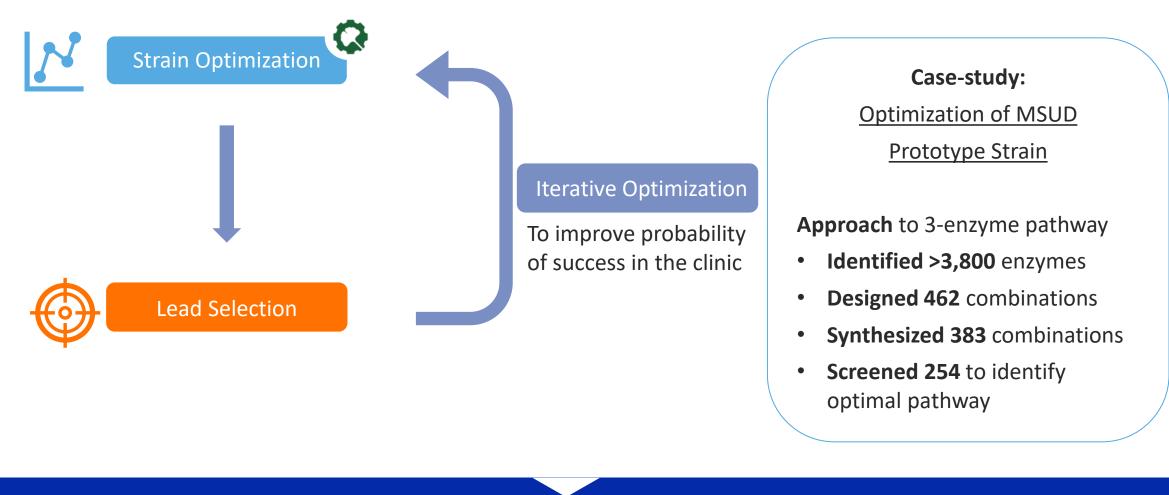
Deliver Candidate Quality Strains in a Timely and Resource Efficient Manner



Rapid Cycle Times: Enteric Hyperoxaluria Prototype to Candidate In <10 Months

Access to Cutting Edge Technology via Ginkgo Collaboration

Optimization of activity and manufacturability improves clinical probability of success



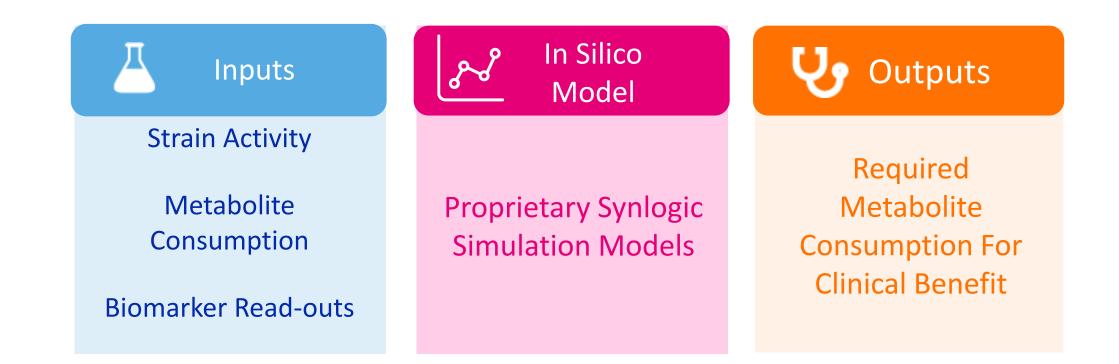
Ginkgo & Synlogic Collaboration Resulted In *10-fold Improvement* Over Prototype *In Vitro* Demonstrated Statistically Significant Activity In Non-Human Primates

Multiple Assay Systems Aid Efficacy Modeling for Metabolic Programs

Ability To Prospectively Identify Metabolite Consumption Performance

System	Provides functional data	Advantages		
Proprietary <i>in vitro</i> simulated gut system (IVS)	Viability Closed and full system activity	 Inexpensive High throughput Strong correlation with activity in human GI tract 		
Animal models (Rodents and NHPs)	Activity <i>in vivo</i> in health and disease	 Rapid evaluation of disease biology NHP GI physiology closer to humans Ability to measure metabolite consumption via feeding experiments 		
Healthy volunteers	Safety and tolerability Activity based on biomarkers	 Effective for tolerability Effective for evaluation of drug presentation Rapid enrollment 		

Translational & Quantitative Biology: Predicting Strain Activity in Humans



Model Systems Allow For Rapid Path To Clinic With Confidence In Metabolite Consumption Performance



Synlogic's Manufacturing Capabilities

Tony Awad, Head of Technical Operations

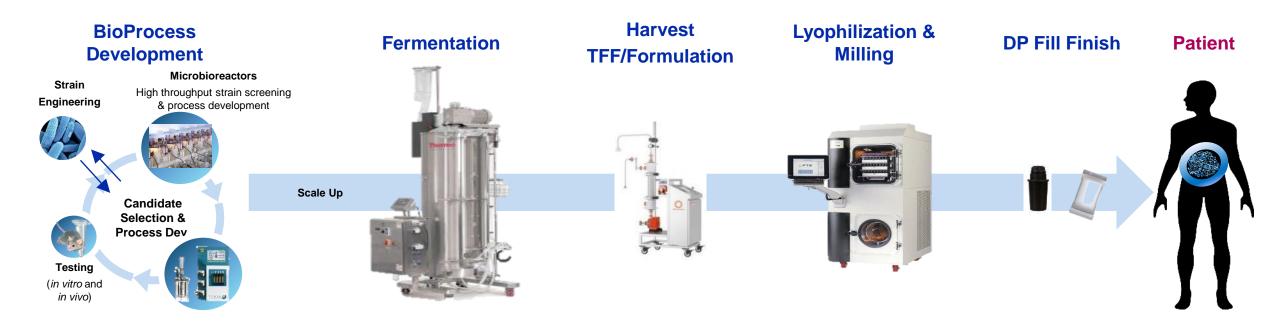


Internalizing Manufacturing Enables Control, Quality, & Speed

MFG Capabilities	Prior Operating Model: Externally Sourced CMO	Key Attributes of Internal Manufacturing	Capabilities Today Synlogic as Primary
Bioprocess Development	Synlogic External		Synlogic
Analytical Development	External	Speed	Synlogic
Formulation Development	Synlogic External	Flexibility	Synlogic
cGMP Manufacturing (Drug Substance)	External	Customizable Cost Effective	Synlogic
cGMP Manufacturing (Drug Product)	External	Efficiency	Synlogic
Quality Control	External		Synlogic CRO

Fully Integrated Process Development and Manufacturing Organization

Deep Investment in Development & Manufacturing Capabilities



Integration: rapid progression through the developmental stages into cGMP manufacturing Maintains expert quality oversight: De-risks tech transfer and development/manufacturing challenges Synlogic solid oral capabilities enable patient friendly bottle/sachet/capsule presentations with good shelf life & stability

> From Lab to Patient Faster, With Less Risk and Higher Quality, Due To Synlogic's Unique Fully Integrated Bacterial Manufacturing Capabilities

Experienced Clinical Development Team Adapting Studies to Post-COVID Era

Direct Engagement With Patients Drives Our Capabilities To Conduct Research post-COVID



Driven by Experienced Team

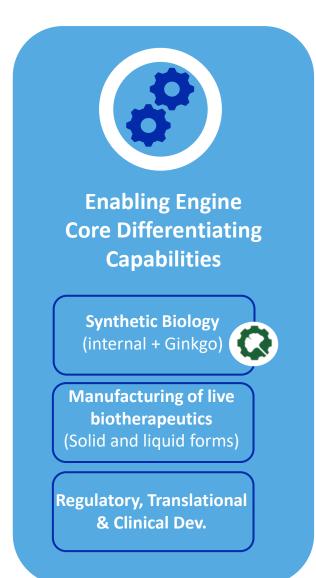
- Deep internal capabilities in safety, regulatory, and clinical (former Alnylam, Alexion)
- ✓ New appointment: Andrew Marsh, Head of Clinical Operations (former Ra, Moderna)



Adapt in Response to COVID-19

- ✓ Study protocols adapted to decentralized clinical process
 - Example: Use of central hub site allows for remote visits in SYNB1618 Ph.2 study
- Depending on study, some or all study-related activities can be performed at home via home research nurses
- ✓ Investigational product delivered flexibly to site, patient, or home research nurse
- Substantial clinical work done in Phase 1 units, less impacted by COVID health care facility disruptions

Building the Engine to Develop Synthetic Biotic Medicines



- 200 humans dosed with Synthetic Biotic medicines
- 3 INDs opened with the U.S. FDA
- Supportive regulatory feedback from global regulatory agencies
- Internal process development and GMP
 manufacturing capabilities established
- Expanded synthetic biology expertise with Ginkgo Bioworks collaboration
 - Reusable synthetic biology components enable

platform learning and efficiency

Metabolic Programs: Focus on PKU

Dr. Caroline Kurtz, PhD Head of Portfolio and Product Development



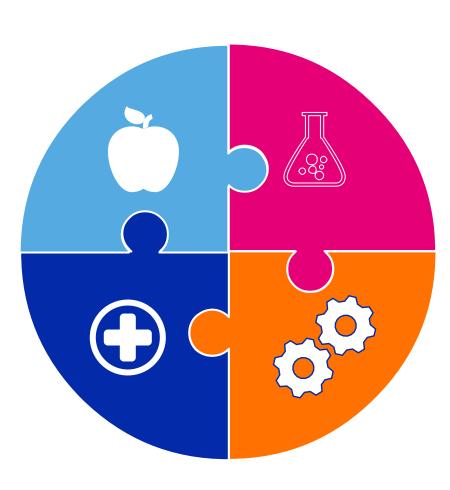
Why Metabolic Diseases For Synthetic Biotic Medicines?

Validated Biology

Diseases with known pathophysiology. Dietary intervention provides support for GI-based approach

Unmet Medical Need

Across both inherited and acquired metabolic diseases



Platform Proof of Mechanism

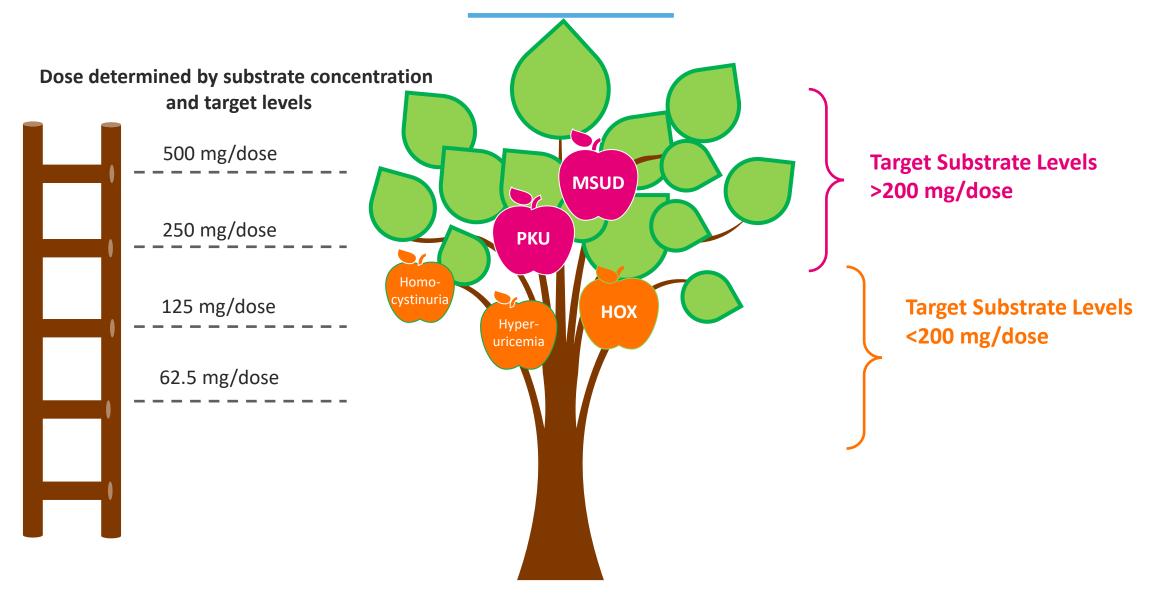
PKU program demonstrated we can consume toxic metabolites in the GI tract. Subsequent programs build on experience.

Unique Advantage of SYNB

Bacteria act catalytically, can contain multiple enzyme pathways and are protected from digestion within the GI tract.

Focus in Rare Metabolic Disease: Consuming Toxins

"Low Hanging Fruit" as Targets for Expanding our Internal Portfolio





Phenylketonuria (PKU)

Meaningful Opportunity To Improve Patient Lives

Emerging treatment options will continue to leave many patients behind

SYNB1618 demonstrates potential to lower Phe in PKU patients Phase 2 Phe-lowering trial starting in 2H 2020 Next generation strain in development

Phenylketonuria (PKU)



Biology well-understood: Inability to break down phenylalanine (Phe) results in toxic levels in the brain leading to cognitive impairment, convulsions and behavioral problems

Phe in GI tract = blood Phe = clinical benefit for patient

High unmet need particularly for pediatric patients

~ 34,000 patients US + EU

Status

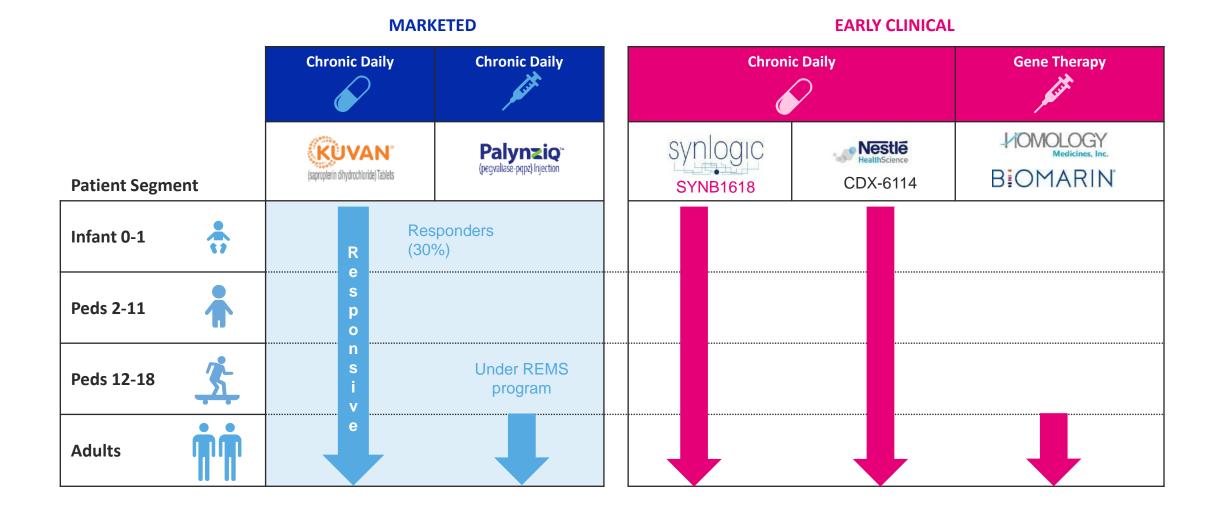
Solid oral formulation of SYNB1618 demonstrated good tolerability and activity in healthy volunteers

Preparing for Phase 2 study in PKU patients

Julia, living with PKU

PKU Patients Require Therapeutic Options

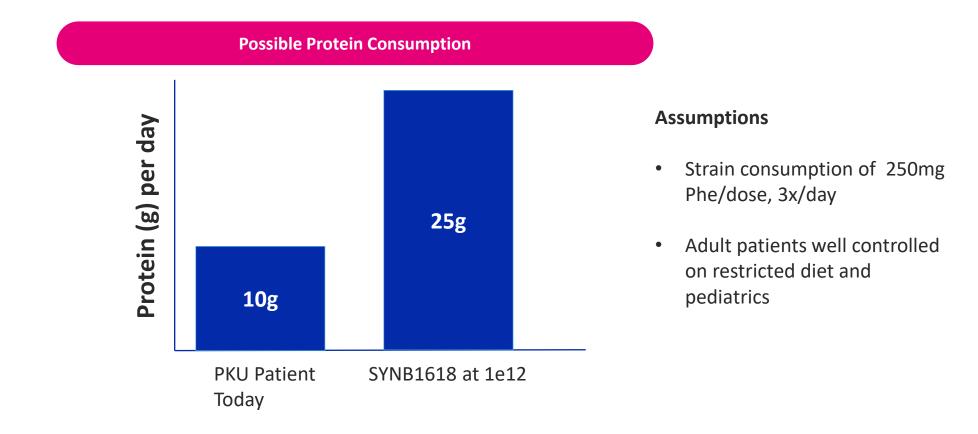
SYNB1618 Is Well-Positioned to Address the Needs of All PKU Patients



Target Product Profile for PKU

Indication	Reduction of blood phenylalanine in patients with phenylketonuria (PKU) Increase natural protein intake in PKU patients with controlled blood Phe	
Target Patient Population	Adults and pediatrics ≥ 12 years of age with phenylketonuria and uncontrolled blood Phe Adults and pediatrics with phenylketonuria and controlled blood Phe on a restricted diet	
Efficacy	Primary: Reduction in blood Phe levels by >30% in patients with elevated blood Phe Long term: Increase in natural protein intake by ≥ 15g in PKU patients with controlled blood Phe on a restricted diet	
Safety	Tolerability consistent with oral probiotic Mild GI disturbance 	
Dosage	Sachet or capsule, dose ≤ 5e11 live cells with meals up to 3X per day	

Potential of SYNB1618 to Enable Increased Protein Intake

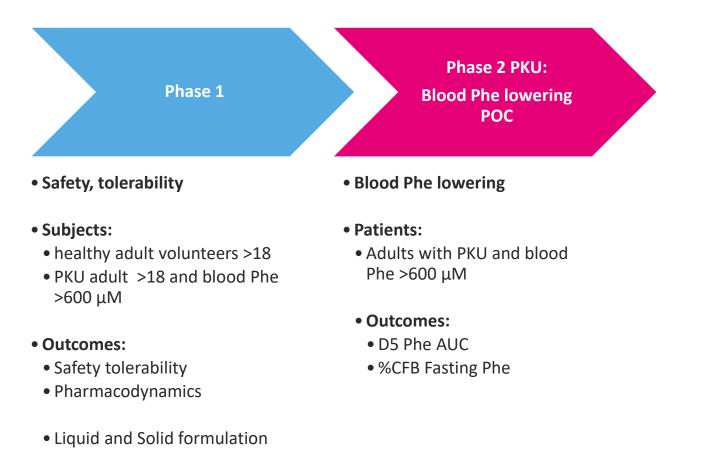


SYNB1618 May Enable Meaningful Increases In Daily Protein Intake For Patients



Phenylketonuria: Clinical Development Strategy

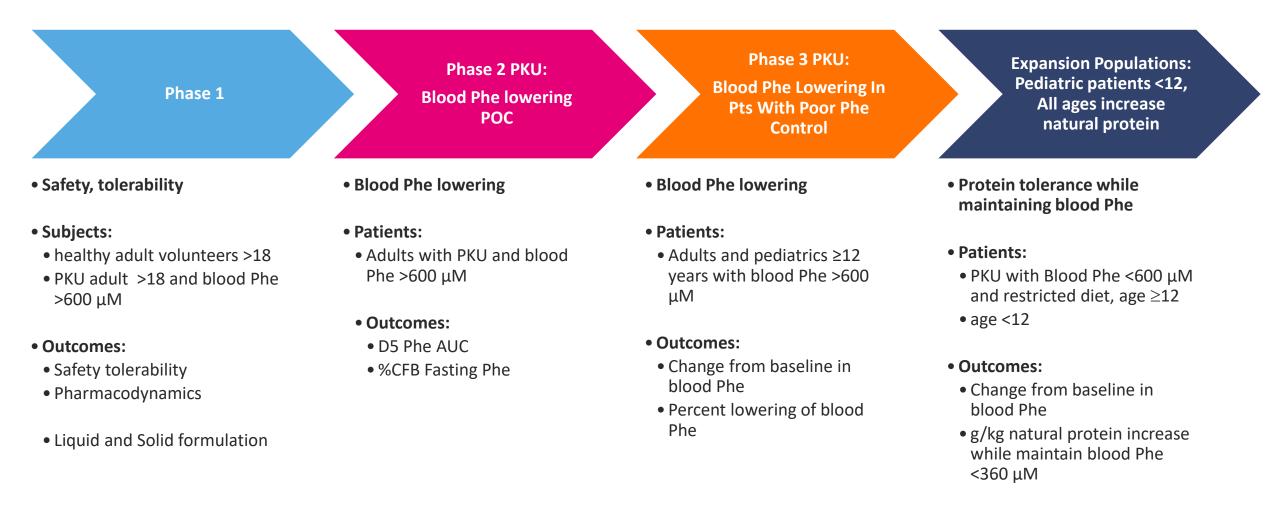
Current Stage



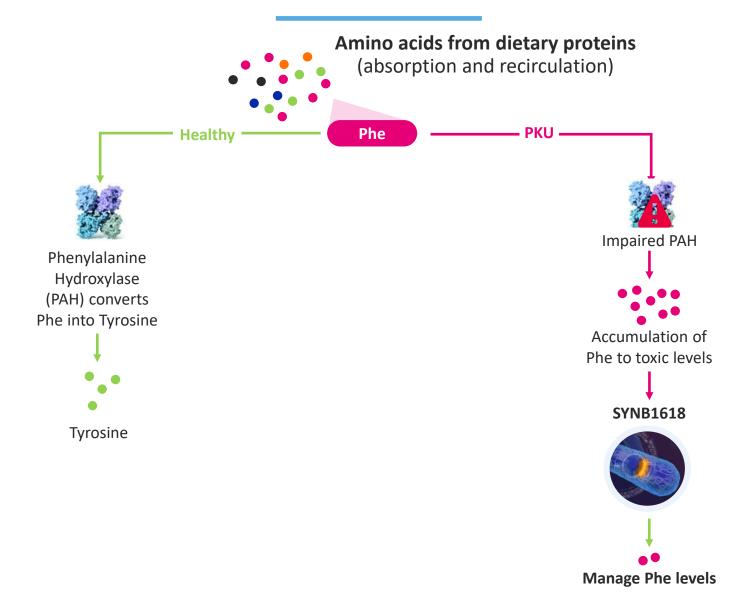
© 2020 SYNLOGIC. 2020 R&D EVENT. ALL RIGHTS RESERVED. | 43

Phenylketonuria: Clinical Development Strategy

Current Stage



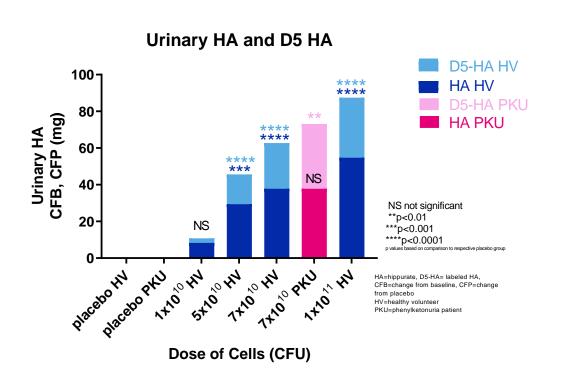
Phenylketonuria (PKU) Pathogenesis



SYNB1618 Built From Synthetic Library Specifically To Consume Phe

Component	Approach	Benefit		
Bacterial Chassis	<i>E. coli</i> Nissle	Probiotic - decades of human use & safety data	••	Hippuric Acid (HA)
Switches	FNR & AraC promoter	Promoters control expression during manufacturing and at site of action	Phenylalanine (Phe)	(TCA)
Pump	PheP	Pumps Phe into cell	Phe •	Trans-cinnamic acid (TCA) △ dap
Effector 1	<i>PAL3</i> Enzyme	Degrades Phe to TCA (measurable biomarker of activity)		AD araC
Effector 2	<i>LAAD</i> Enzyme	Alt. Phe-consuming pathway	• • Phe	Phenylpyruvate (PP)
Safety Features	Δ dap	Auxotrophy – requires diaminopimelic acid (DAP) to grow		Phenyl-lactic acid (PLA)

SYNB1618 in the Clinic: Liquid Formulation in Healthy Volunteers & Patients



URINARY HA AND D5-HA

CONCLUSIONS

- Across 56 healthy volunteers & 14 PKU patients given liquid formulation of SYNB1618:
 - ✓ SYNB1618 consumes Phe in the GI tract based on HA biomarker in a dose dependent manner
 - ✓ No SAEs, no systemic toxicity or infections
 - AEs mild or moderate in severity, and reversible. Most GI-related
 - ✓ All subjects cleared SYNB1618

Statistically Significant and Equivalent Activity of Liquid Formulation in Healthy Volunteers (HV) and Patients

Development of Solid Oral Formulation of SYNB1618

Liquid

Stable at -80 °C Early Process Suitable for dosing in clinic

Phase 1 demonstrated activity in the human GI tract Lyophilized Powder in Sachet Stable at 4-8 °C Optimized Process Suitable for outpatient studies



Bridging Study in healthy volunteers demonstrated activity and tolerability

To be used in upcoming Ph.2

Lyophilized Powder in Tablets or Other Forms Scale up to larger fermenter Suitable for commercialization



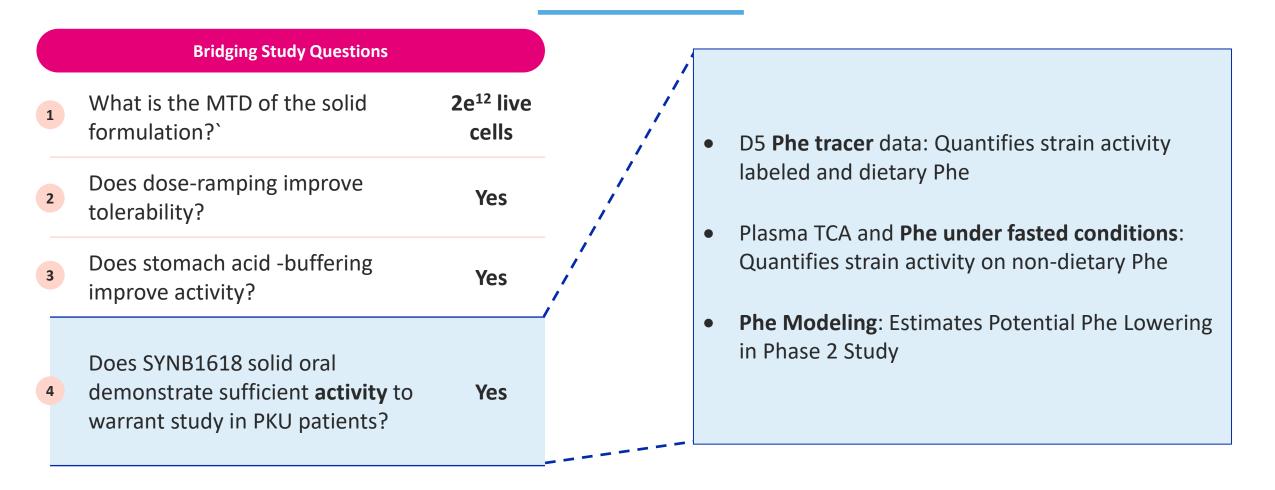
Will be developed in parallel with Phase 2

Patient-Friendly Presentations Will Be Developed For Pivotal Studies Based On Stable, Optimized Solid Oral Form

HV Solid Oral Bridging Study Sets Up Phase 2

	Bridging Study Questions		
1	What is the MTD of the solid formulation?`	2e ¹² live cells	
2	Does dose-ramping improve tolerability?	Yes	
3	Does stomach acid -buffering improve activity?	Yes	

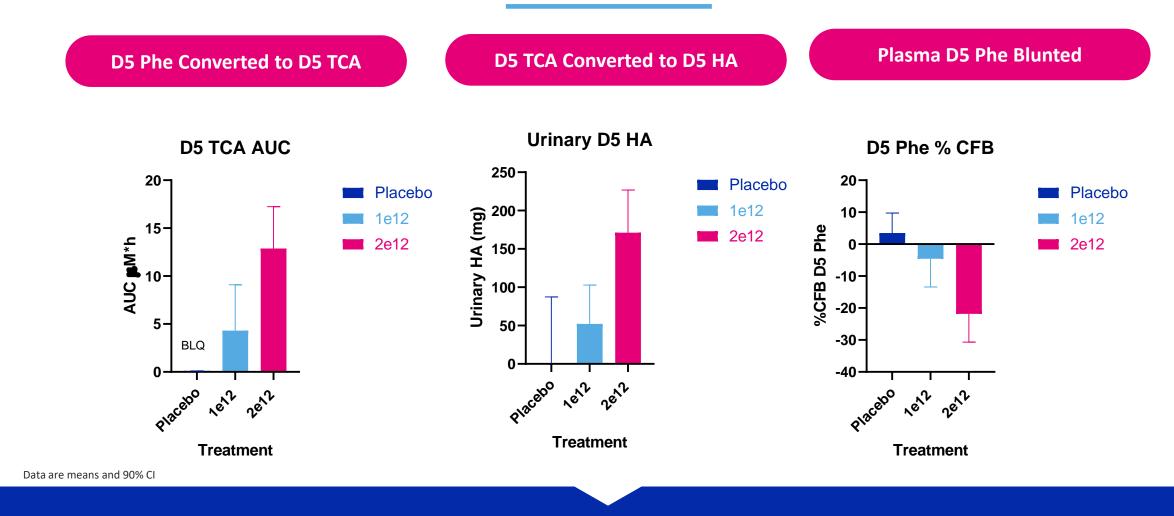
HV Solid Oral Bridging Study Sets Up Phase 2



Bridging Study Provides Evidence Solid Oral SYNB1618 Consumes Phe



D5 Tracer Data in Healthy Volunteers



SYNB1618 Mechanism Confirmed: Accessed D5 Phe Tracer in Gut & Lowered Plasma D5 Phe



SYNB1618 Has Ability to Access Non-Dietary Phe

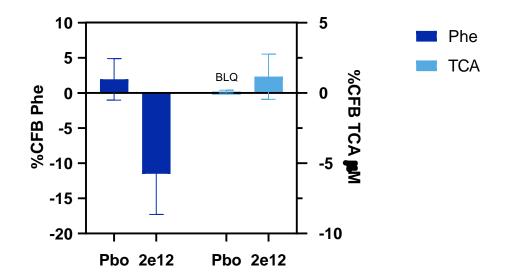
Healthy Volunteers Fasted Overnight

Given a dose of 2e12 SYNB1618

Subjects continued to fast

Plasma TCA and Phe Performed 2 hours later

Plasma Phe and TCA Under Fasted Conditions



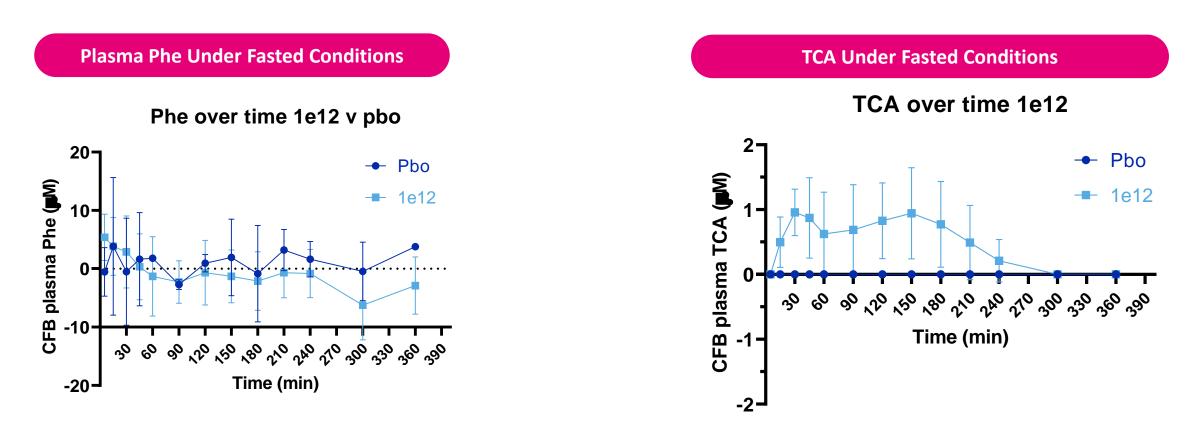
Ability To Access Non-Dietary Phe Supports Potential Combinations With Phe Restricted Diet (e.g. Pediatrics)

synlogic

Key: HA: Hippurate, D5-HA: labeled HA, CFB: change from baseline, CFP: change from placebo, BLQ, below limit of quantitation

SYNB1618 Has Ability to Access Non-Dietary Phe

Phe Lowering and TCA Production Over Time Under fasted conditions in HV

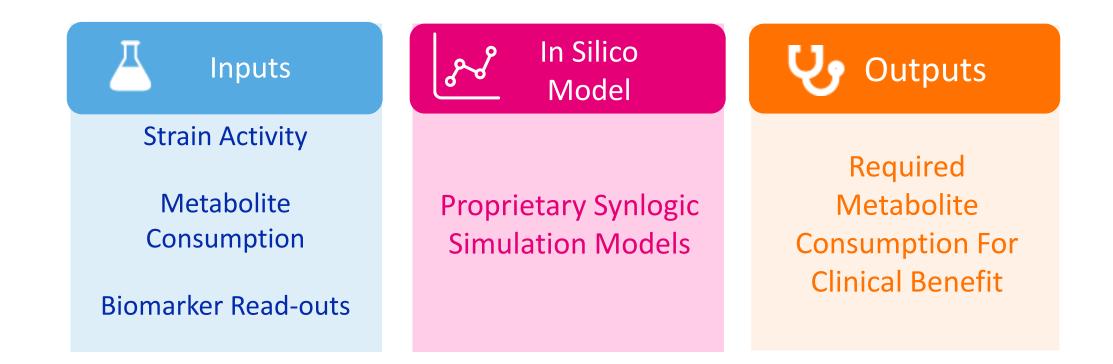


Ability To Access Non Dietary Phe Confirmed In Time Course Studies



Translational & Quantitative Biology: Predicting Strain Activity in Humans

Modeling to Build Understanding of Complex Interactions Between Synthetic Biotic, GI Transit, and Substrate Availability



Inputs across model systems allows for predictive modeling of clinical activity to enhance confidence in metabolite consumption performance of strain

Phe Modeling From Bridging Study Urinary HA Levels in Healthy Volunteers

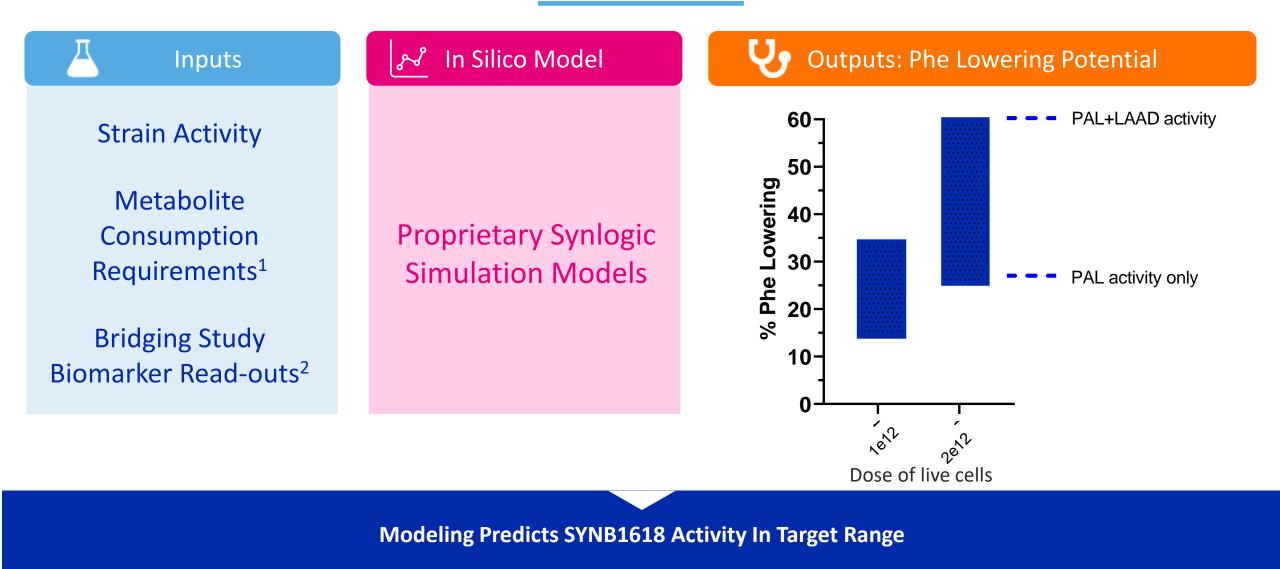


Image: Non-StructureImage: Kaufman S. 1999 PNAS V96:3160-31642.Denny W et al 2019, SSIEM conference

SYNB1618 Phase 2 Study Goals

Study data will inform validity of modeling which has implications for other metabolic programs

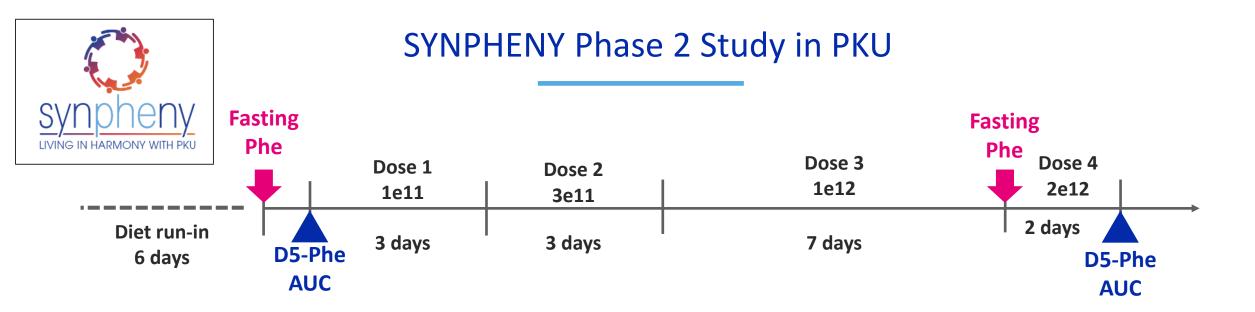


Demonstrate Phe Lowering in PKU Patients

- Plasma Phe lowering in fasted state at 1 x 10¹² live cells over 7 days
- Post meal D5-Phe AUC lowering at 2 x 10¹² live cells (**not impacted** by diet)

Validate PD Model

Understand relationship of strain specific biomarkers with plasma Phe lowering





- Change from Baseline in D5 Phe AUC at 2e12 dose
- Change in Fasting Phe after 7 days at 1e12 dose
- Safety and Tolerability

Execution

Endpoints

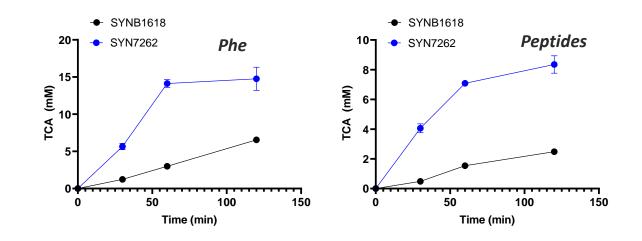
- Flexible design allowing home-based or office-based visits
- Informed by direct patient feedback on executing trials in the COVID era
 - Dose ramp to improve tolerability
 - Strict diet control to ensure consistent Phe intake, including 6-day run-in

Next Generation PKU Strain In Development

Target *in vivo* activity: 3-4X from SYNB1618

- Initial encouraging *in vitro* hits from collaborator EnEvolv
- Parallel work ongoing at Gingko: Synlogic will select best-of-breed from across both
- Clinical development path with rapid move to pivotal possible based on SYNB1618 data

PAL variant activity: Peptides and free Phe

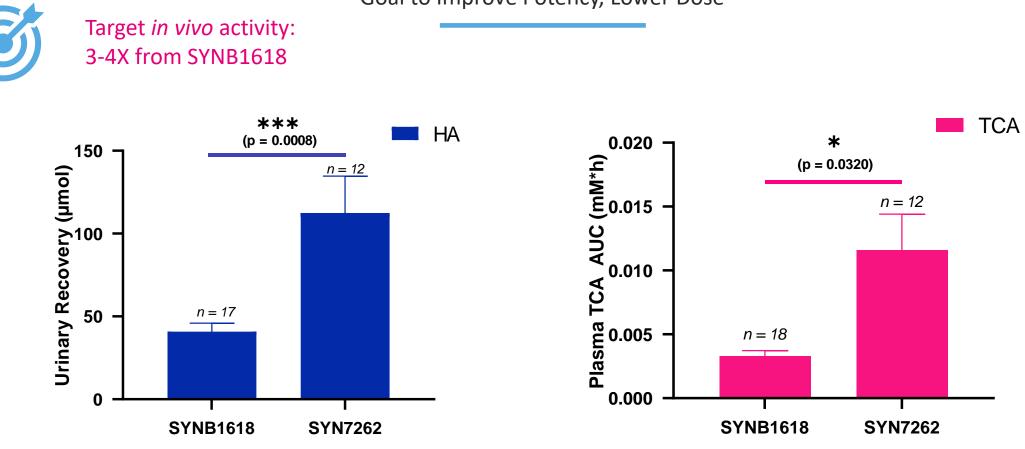


Next Generation Strain Demonstrates 3-4x Activity In Vitro Against Free Phe and Peptides



Next Generation PKU Strain In Development

Goal to Improve Potency, Lower Dose



Next Generation Strain Activity Improvements Confirmed In Non-Human Primates



Phenylketonuria (PKU)

Meaningful Opportunity To Improve Patient Lives

Emerging treatment options will continue to leave many patients behind

SYNB1618 demonstrates potential to lower Phe in PKU patients Phase 2 Phe-lowering trial starting in 2H 2020 Next generation strain in development Ŷ

Internal Metabolic Pipeline: Enteric Hyperoxaluria

Dr. Richard Riese, MD, PhD Chief Medical Officer

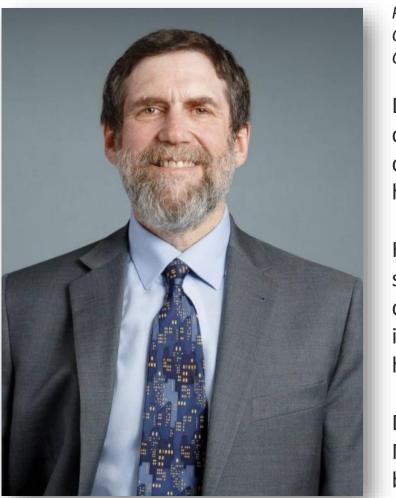


Enteric Hyperoxaluria

Our Next Step To Synthetic Biotic Medicines

High unmet medical need with no available therapeutic options Efficient clinical development: PoC achievable in Phase 1b SYNB8802 has potential to meaningfully reduce urinary oxalate levels

Welcome Dr. David Goldfarb, M.D.



David S. Goldfarb, M.D.

Professor of Medicine and Physiology, NYU School of Medicine Clinical Chief, Nephrology Division, NYU Langone Health, Chief, Nephrology Section, New York VA Medical Center

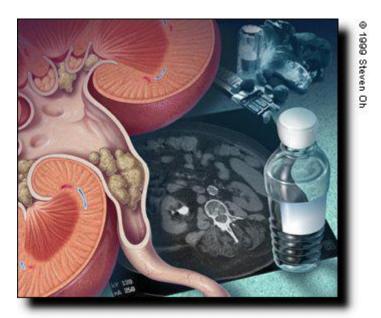
Dr. Goldfarb is an internationally-renowned expert in kidney stone prevention. His clinical research has involved many aspects of the care of patients with chronic kidney disease (CKD) and renal failure, including the management of anemia and secondary hyperparathyroidism, hypertension, CKD-MBD, hyperphosphatemia and gout.

His work in stone disease has focused on cystinuria, hyperoxaluria, osteoporosis in stone formers, renal tubular acidosis, metabolic acidosis, role of bacteria in stone disease, uric acid, genetics of stone disease, and the role of diet in stone formation. He is a co-inventor of Moonstone, the first high citrate beverage designed for kidney health. He has had three calcium oxalate stones.

Dr. Goldfarb graduated from the Yale School of Medicine and trained in Internal Medicine at New York VA and NYU, and Nephrology at New York University; he is board-certified in both specialties. He also is certified by the American Society of Hypertension as a specialist in hypertension.

Enteric Hyperoxaluria

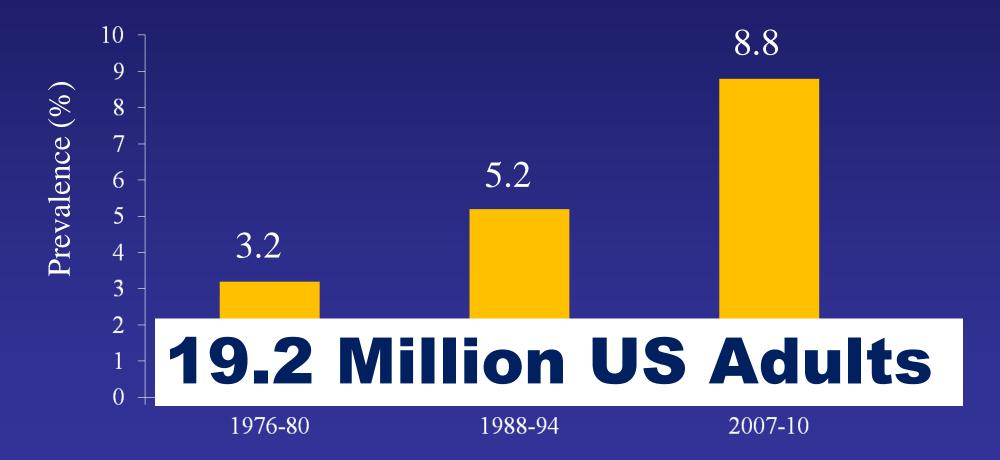
David S. Goldfarb, M.D. Director, Kidney Stone Prevention and Treatment Programs, New York VAMC and NYU Langone Health Professor of Medicine & Physiology, NYU School of Medicine



Disclosure

- Consultant:
 - AstraZeneca, Retrophin, Alnylam, Synlogic
 - Owner, Patent Holder: Dr. Arnies, Inc.
 - PMHx: CaOx Stones

US Population Prevalence of Nephrolithiasis (NHANES 1976-2010)



Stamatelou, KI, 2003; Scales, Eur Urol, 2012

Bowel disease increases stone prevalence

- Estimates are variable and often lacking control groups
- Bowel disease increases risk of stones at least 2 fold
- Surgery for bowel disease increases risk about 3 fold compared to no surgery
- Prevalence of stones:
 - Crohn disease: 6.3%
 - UC: 4.4%
 - IBD with small bowel involved: 8.9%
 - IBD with colon only: 5.3%



Stone composition: general population

	Prevalence
Calcium	80%
Oxalate	80%
Phosphate	20%
Uric acid	10-15%
Struvite	5-10%
Cystine	1%

Stone composition: bowel disease

- Calcium oxalate
- Uric acid

Commonly Measured Risk Factors for Stone Disease Common Causes of Stones in Bowel Disease CALCIUM

Hypercalciuria

Low urine volume

Hyperoxaluria: IBD, short bowel, steatorrhea

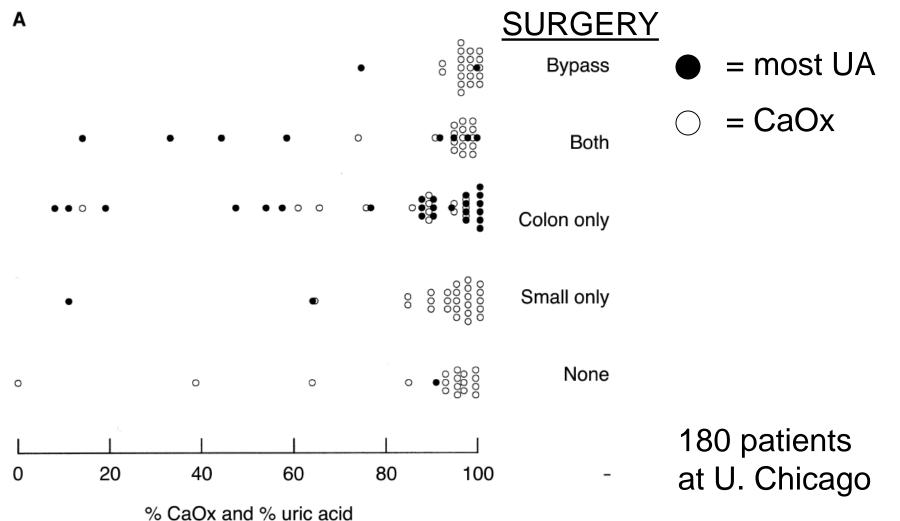
Hypocitraturia: all bowel diseases, ileostomy

Hyperuricosuria

URIC ACID

Low urine volume: all bowel diseases with diarrhea Low urine pH: all bowel diseases with diarrhea

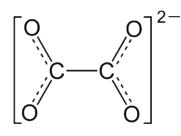
Stone composition and bowel surgery



Parks JH; Kidney Int 63: 255, 2003

Dietary sources of oxalate

















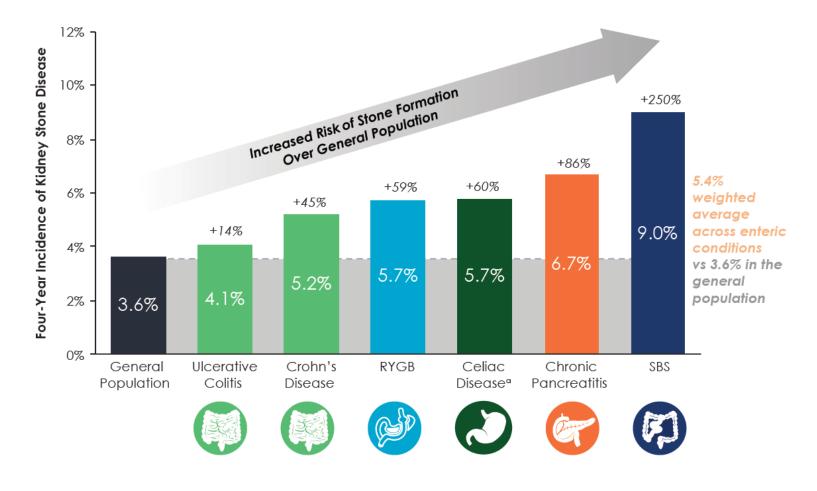
https://regepi.bwh.harvard.edu/health/Oxalate/files/



Nephrocalcinosis: a cause of kidney failure



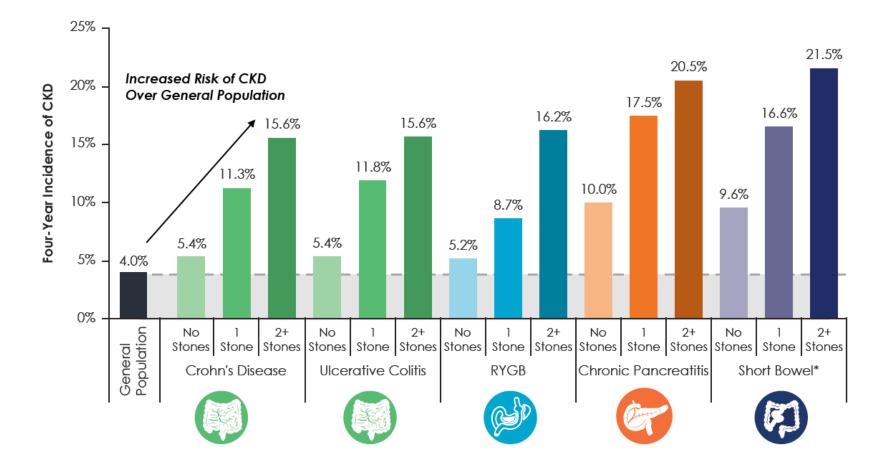
Risk of Kidney Stones in Bowel Disease



°Untreated celiac disease.

Tasian GE Poster SA-PO276; Kidney Week 2019

Risk of Developing CKD with Bowel Disease



*Small bowel resection or gastrectomy with Roux-en-Y.

Tasian GE Poster SA-PO276; Kidney Week 2019



Full Review

Enteric hyperoxaluria: an important cause of end-stage kidney disease

Table 1. Summary of the cases

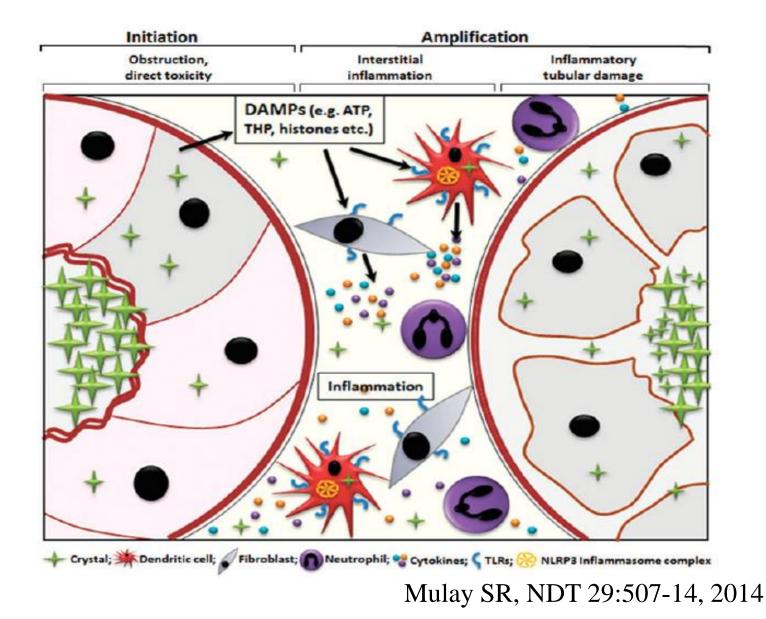
Patient	Primary pathology	Yrs to ESRD	Initial Uox (mg/day)	Post-transplant Uox (mg/day)	Initial CaOx SS	Post-transplant CaOx SS
1	Crohn's disease	20	135	86	12.7	3.6
2	Crohn's disease	29	110	64	5.8	14.5
3	Crohn's disease	NA	114	135	4.8	6.5

Yrs, years; ESRD, end stage renal disease; SS, supersaturation; UOx, urinary oxalate excretion; NA, not available.

- In this review, we highlight three cases of ESKD due to enteric hyperoxaluria following small bowel resections.
- We review current information on the pathophysiology, complications and treatment of this complex disease.

Nazzal L, Puri S, Goldfarb DS NDT 31:375-382, 2016

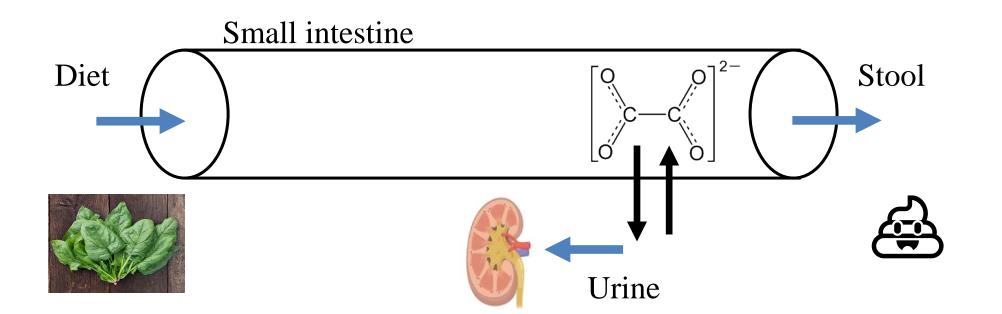
Crystallopathy: crystal-induced inflammation



Oxalate Homeostasis in Health

Oxalate

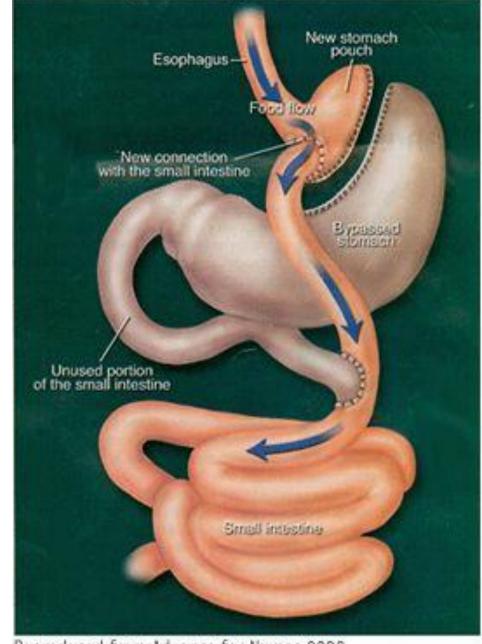
- absorbed from the diet
- produced by hepatic metabolism of glyoxylate
- Intestine modulates
 - passive and active absorption
 - secretion of oxalate.
- Oxalate is excreted in the feces, or urine



Causes of Hyperoxaluria

- Enteric hyperoxaluria
- Dietary hyperoxaluria
 - Includes "idiopathic" hyperoxaluria?
 - Increased oxalate absorption?
- Primary hyperoxaluria
 - Mutations in hepatic enzymes
 - PH1, PH2, PH3

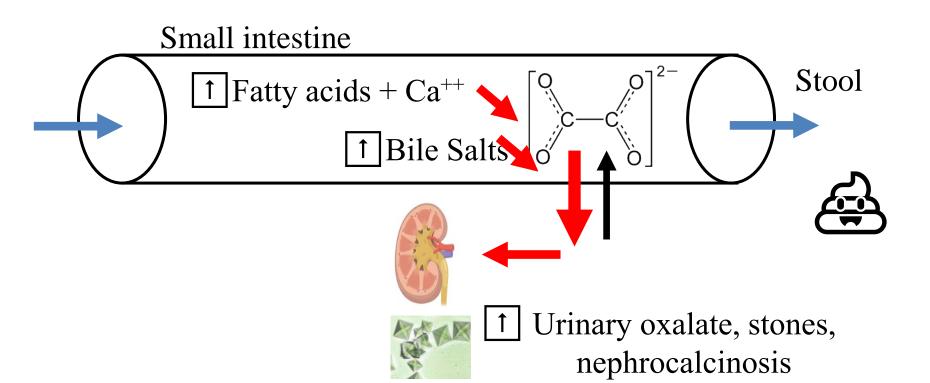
Roux-en-Y gastric bypass



Reproduced from Advance for Nurses 2002

Enteric hyperoxaluria

- Small bowel disease/resection causes steatorrhea: fat in stool
- Bile salt malabsorption and fatty acid malabsorption
 - Colonic fats bind calcium, leaves oxalate uncomplexed
 - Free, unbound oxalate crosses colonic mucosa
- Increased colonic permeability:
 - caused by malabsorbed fatty acids and bile acids
 - perhaps induced by changes in epithelial tight junctions.

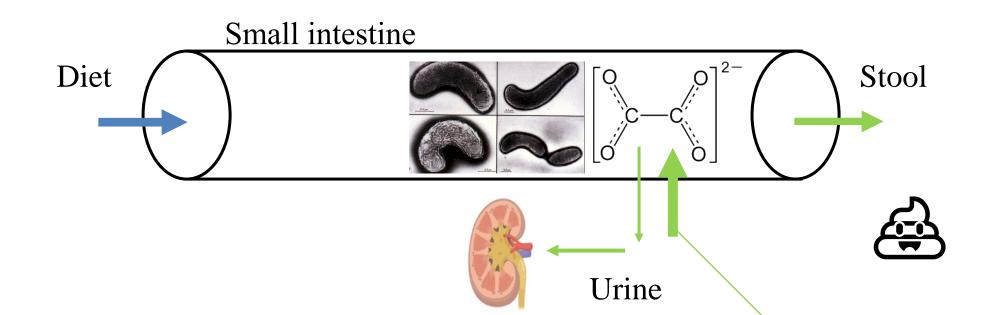


Enteric Hyperoxaluria: Treatment

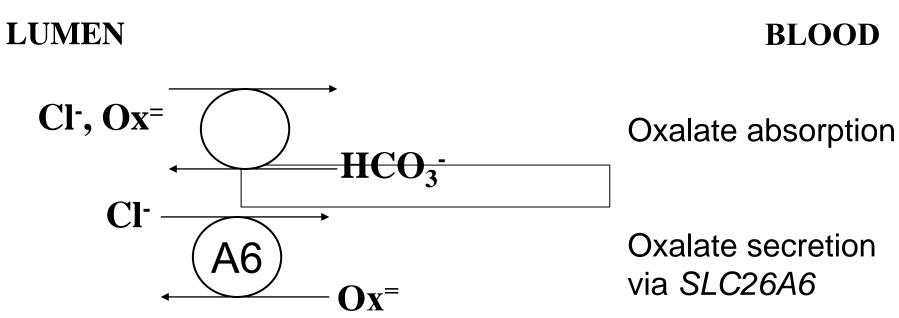
- High fluid intake: dilute all salts
- Reduce dietary oxalate
- Reduce dietary fat intake
- Calcium supplements (500–1,000 mg) with meals
 - Calcium citrate preferred
- Cholestyramine (2–4 g with each meal) suggested
 - binds oxalate and fatty acids
 - data mixed; my experience poor
- Potassium citrate
- No RCTs!

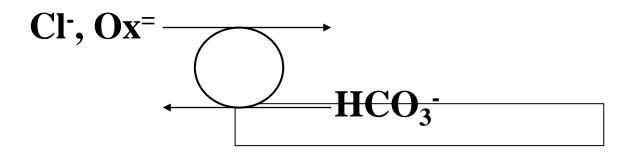
The Oxalobiome

- Intestinal bacteria
 - Degrade oxalate
 - Stimulate oxalate secretion
 - Typified and exemplified by Oxalobacter formigenes



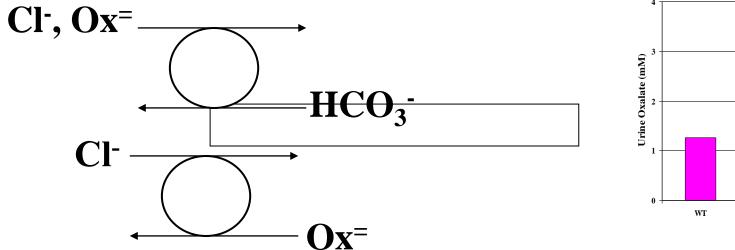
Colonic oxalate transport

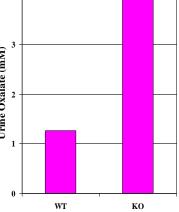


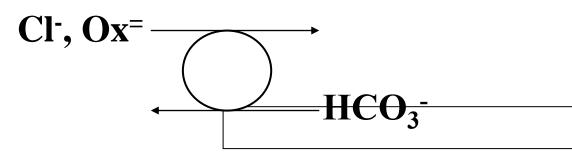


SLC26A6 Knockout

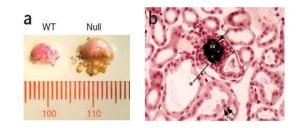
Effect of SLC26A6 Knockout on Oxalate







Freel Am J Physiol 290:719, 2005

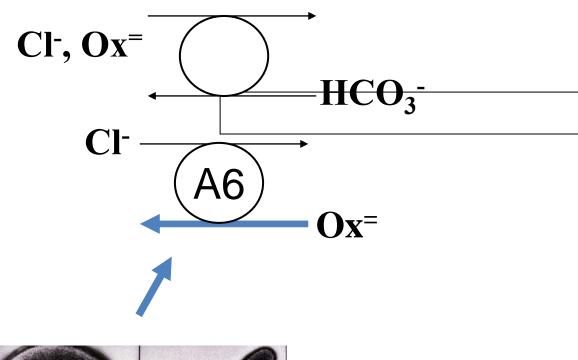


Bladder stones Nephrocalcinosis Kidney biopsy

SLC26A6 Knockout

Ziang Nat Gen 38:474, 2006

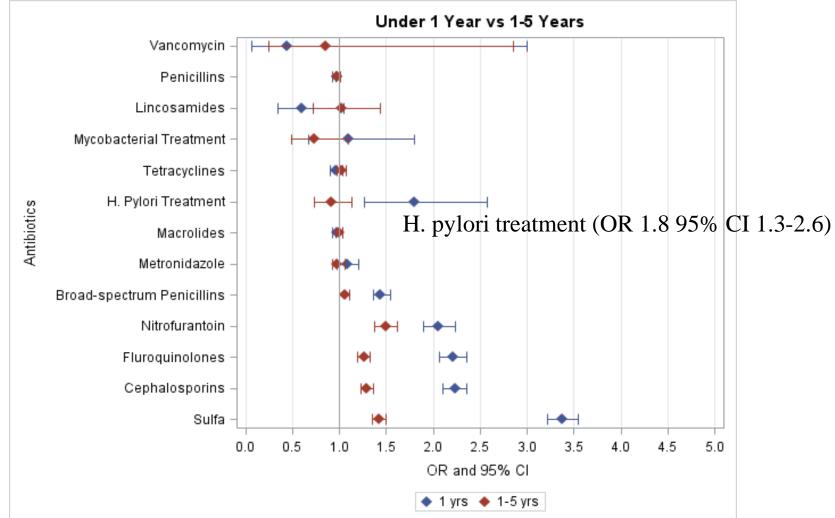
Oxalobacter stimulates oxalate secretion BLOOD





Arvans D, J Am Soc Nephrol 28:876-887, 2017

Risk of stones with antibiotics



The Health Improvement Network (THIN) database N = 26,466 patients with stones and 264,647 matched controls Tasian G et al. JASN 29:1731-1740 2018



Oxalate and kidney toxicity

Case Report

Accelerated Oxalosis Contributing to Delayed Graft Function after Renal Transplantation

Yvelynne P. Kelly⁽¹⁾,¹ Astrid Weins,² and Melissa Y. Yeung¹

RESEARCH ARTICLE

Oxalate deposition in renal allograft biopsies within 3 months after transplantation is associated with allograft dysfunction

Malou L. H. Snijders^{1,2}*, Dennis A. Hesselink^{2,3}, Marian C. Clahsen-van Groningen^{1,2e}, Joke I. Roodnat^{2,3e}

1 Department of Pathology, Erasmus MC, University Medical Center Rotterdam, Rotterdam, The Netherlands, 2 Rotterdam Transplant Group, Erasmus MC, University Medical Center Rotterdam, Rotterdam, The Netherlands, 3 Department of Internal Medicine, Division of Nephrology and Transplantation, University Medical Center Rotterdam, Rotterdam, The Netherlands

Teaching Case	Research
	JAMA Internal Medicine Original Investigation
	Association of Urinary Oxalate Excretion
"Green Smoothie Cleanse" Causing Acute Oxalate	With the Risk of Chronic Kidney Disease Progression
Nephropathy	, ,
	Sushrut S. Waikar, MD, MPH; Anand Srivastava, MD, MPH; Ragnar Palsson, MD; Tariq Shafi, MBBS, MHS;
Swatha Maldranati Vivatta D. D'Arati and Look Palaam	Chi-yuan Hsu, MD, MSc; Kumar Sharma, MD; James P, Lash, MD; Jing Chen, MD, MMSc, MSc; Jiang He, MD, PhD;
Swetha Makkapati, Vivette D. D'Agati, and Leah Balsam	John Lieske, MD; Dawei Xie, PhD; Xiaoming Zhang, MS; Harold I. Feldman, MD, MSCE; Gary C. Curhan, MD, ScD;
	for the Chronic Renal Insufficiency Cohort study investigators



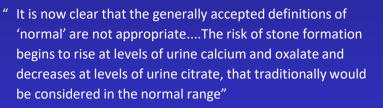
Potential Outcomes of a Study of Enteric Hyperoxaluria: 24 Hour Urine Oxalate 4.0 -----NHS 3.5

----HPFS

Relative Risk 7.0 1.5 1.0

1.0

0.5



0.0 < 20 20-24 25-29 30-39 40 +mg/d Cases: 2237; Controls: 1113 Curhan, Kidney Int 2008

OHF-Sponsored White Paper

• Academics + Industry:

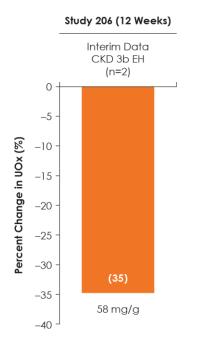
-Consensus: 20% reduction of UOx would be considered likely to be clinically meaningful

- Reduction of UOx to values of PH3 patients might suffice
- INSTEAD of near normalization

-Might be achieved by Alnylam & Retrophin in treatment of PH with siRNA

Reloxaliase formerly ALLN-177

- Oxalate-degrading enzyme
- Works in the intestinal lumen



Langman CB; Poster SA-PO815 • Poster Presented at Kidney Week 2019

Summary

- Urine oxalate is an important risk for kidney stones, nephrocalcinosis, chronic kidney disease and end stage kidney disease
- The intestinal microbiome is clearly a variable that influences urinary oxalate excretion
- There is an unmet need for better, targeted therapies to reduce urinary oxalate excretion

Ŷ

Internal Metabolic Pipeline: Enteric Hyperoxaluria

Dr. Richard Riese, MD, PhD Chief Medical Officer

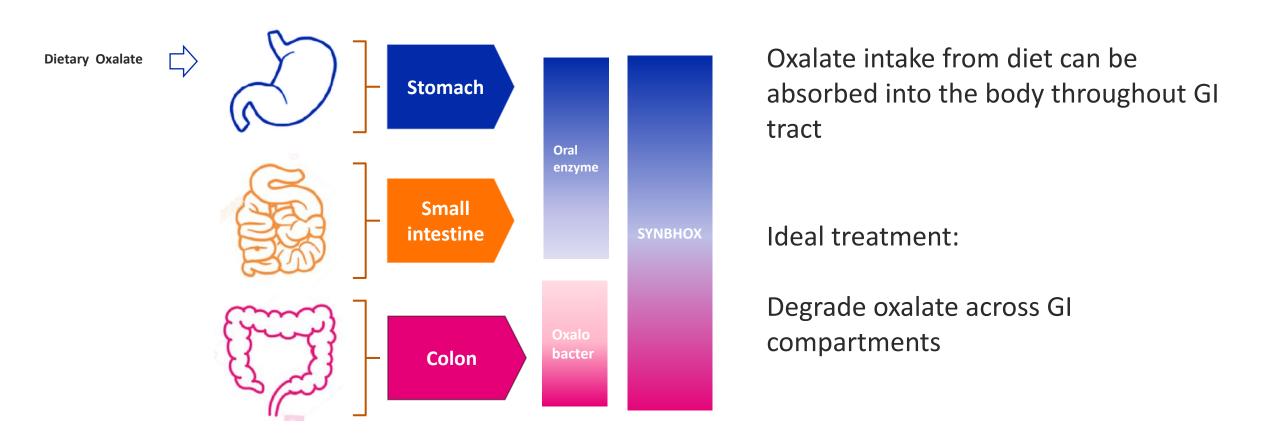


Target Product Profile for Enteric Hyperoxaluria

Indication	Treatment of enteric hyperoxaluria in patients with recurrent kidney stones
	Initial: Adults with hyperoxaluria and recurrent kidney stones secondary to GI disorders with relatively preserved renal function
Target Patient Population	Additional: Adults with hyperoxaluria and recurrent kidney stones secondary to GI disorders with severe renal dysfunction, including patients on hemodialysis
Efficacy	Primary: Reduction in urinary oxalate levels by 20-50% Long term: Reductions in kidney stone formation
Safety	Tolerability consistent with oral probiotic Mild GI disturbance
Dosage	Sachet or capsule, dose <5e11 live cells with meals up to 3X per day

Disease Pathogenesis and Opportunity for SYN-HOX

GI Based Therapies Have Demonstrated Lowering of Systemic Oxalate



Intestinal Degradation of Oxalate Throughout GI Tract Could Enhance Oxalate Lowering



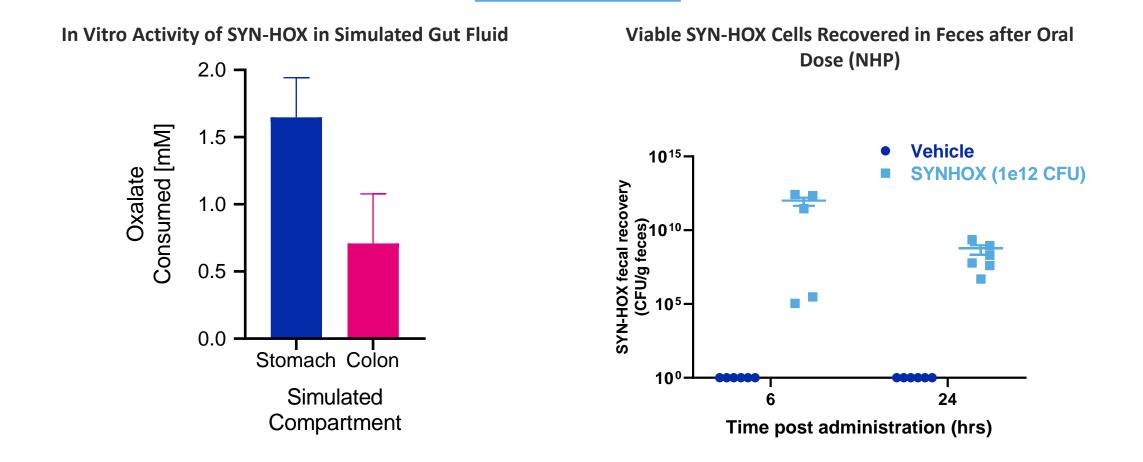
Hyperoxaluria strain SYNB8802

Engineered to convert oxalate to formate

Component	Approach	Benefit	
Bacterial Chassis	<i>E. coli</i> Nissle	Decades of human use	Oxalate Formate Ox/formate
Switch	FNR promoter	Inducer-promoter pair	Pump (<i>OxLT</i>) Formate CoA+ ATP
Pump	OxLT	Pumps oxalate in & formate out	Ppi + Oxalyl CoA Formyl CoA
Effector 1	OxdC and associated components	Catalyzes conversion of oxalate to formate	OxdC
Safety Features	∆ thyA	Controls growth	

synlogic

SYN-HOX Activity in Upper and Lower GI

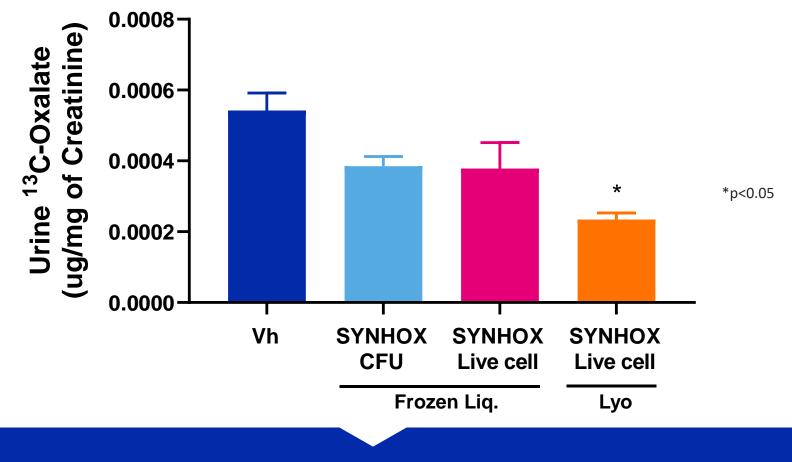


SYN-HOX Has Potential To Operate Throughout The GI Tract To Lower Absorption Of Oxalate Into The Blood



SYN-HOX Consumes ¹³C-Oxalate in Mice

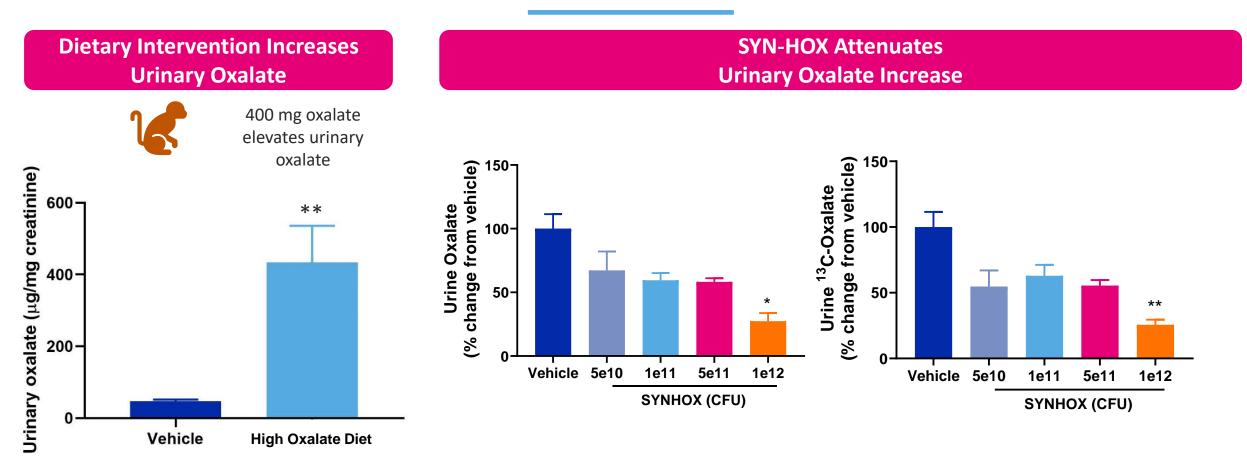
Isotope Model Demonstrates Urinary Oxalate Consumption in Gut



SYN-HOX Consumes Oral Load of Oxalate in Acute Mouse Model



SYN-HOX Attenuates Urinary Oxalate Increase in Healthy Non-Human Primates

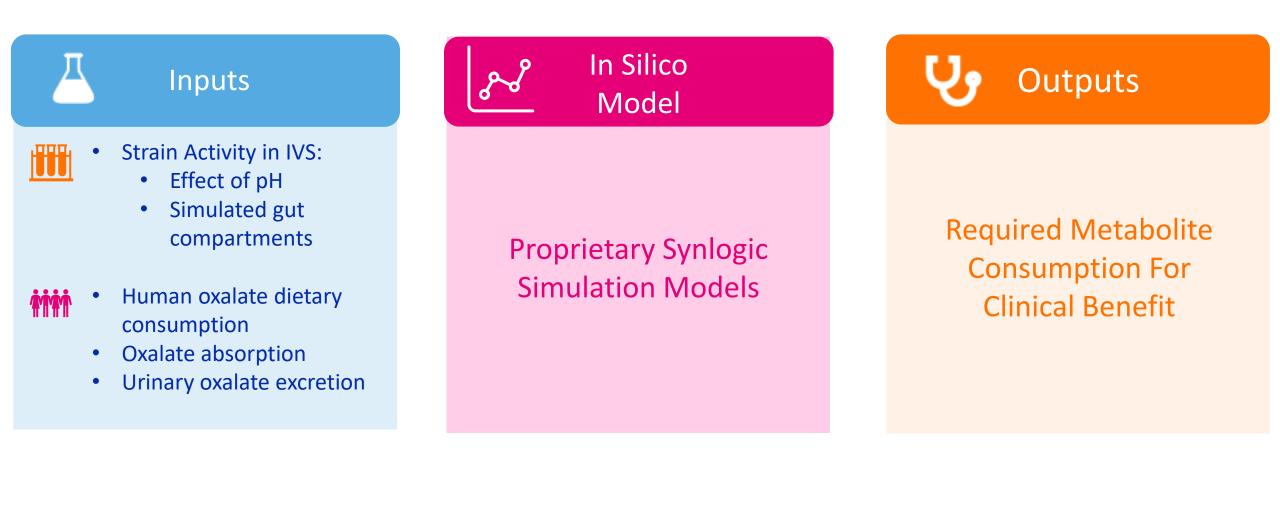


SYN-HOX Consumes Oral Load of Oxalate in Non-Human Primates

Synogic * p < 0.05, **p < 0.01 versus vehicle

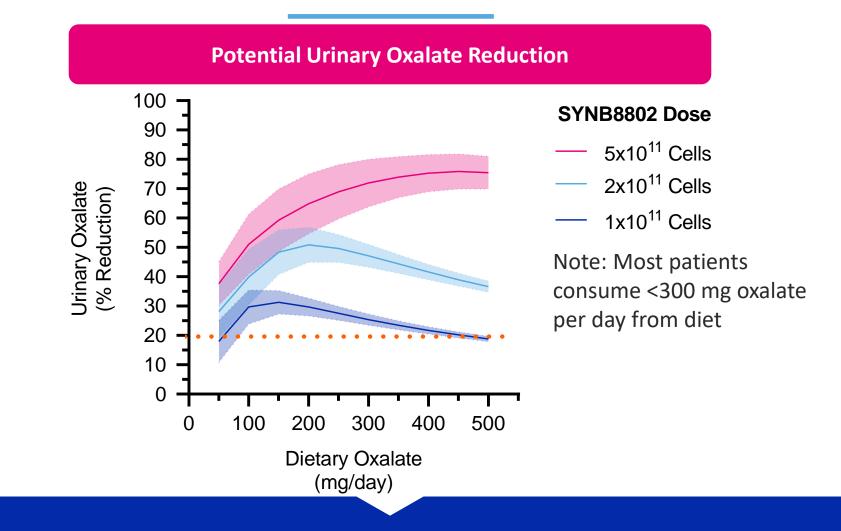
Model Development for Hyperoxaluria

Modeling Activity of SYN-HOX Incorporating GI Site, Transit Time, Substrate Availability



synlogic

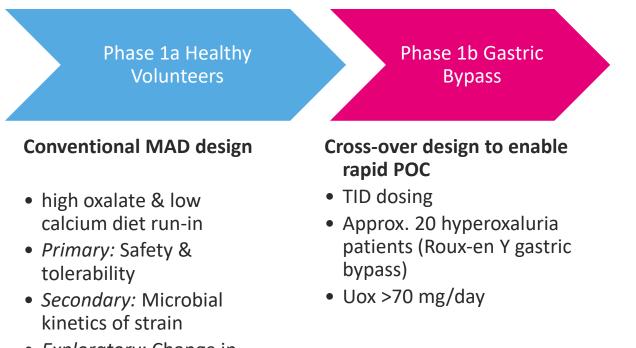
Modeling Of Oxalate Lowering by SYN-HOX



Modeling Predicts SYN-HOX Has Potential to Achieve 20%-50% Urinary Oxalate Lowering at Target Dose Range



Enteric Hyperoxaluria: Clinical Development Strategy



 Exploratory: Change in plasma and urine biomarkers

synlogic

Enteric Hyperoxaluria: Clinical Development Strategy

pancreatic diseases

Phase 1a Healthy Volunteers	Phase 1b Gastric Bypass	Phase 2/3 Enteric hyperoxaluria
 Conventional MAD design high oxalate & low calcium diet run-in Primary: Safety & 	 Cross-over design to enable rapid POC TID dosing Approx. 20 hyperoxaluria patients (Roux-en Y gastric 	Patients with EH, preserved renal function & stones as a result of:
 Printary: Safety & tolerability Secondary: Microbial kinetics of strain Exploratory: Change in plasma and urine biomarkers 	 bypass) Uox >70 mg/day 	 Gastric Bypass Inflammatory bowel disease Cystic Fibrosis Short bowel syndrome Chronic biliary or

synlogic

Enteric Hyperoxaluria: Clinical Development Strategy

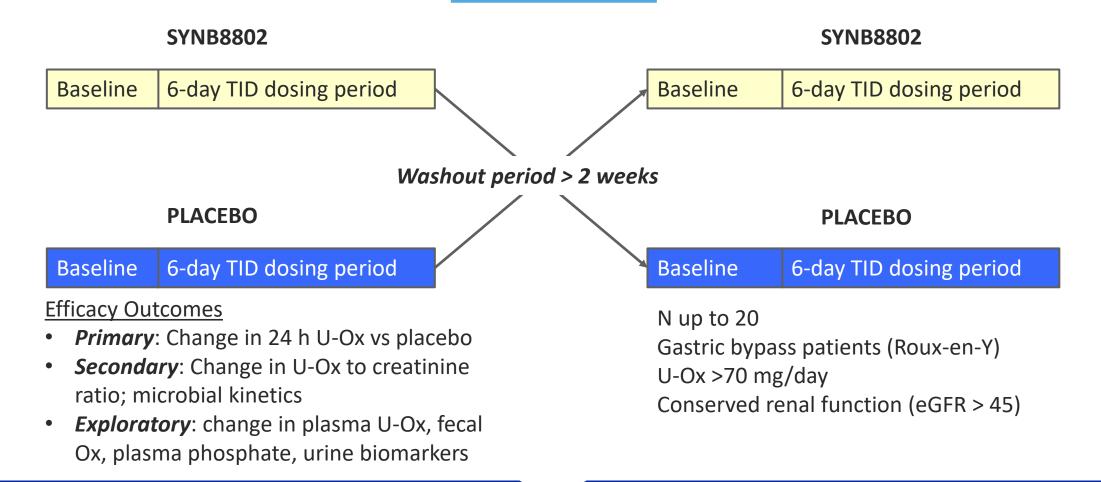
Phase 1a Healthy Volunteers	Phase 1b Gastric Bypass	Phase 2/3 Enteric hyperoxaluria	Expansion Populations: Patients with severe kidney disease
 Conventional MAD design high oxalate & low calcium diet run-in <i>Primary:</i> Safety & tolerability <i>Secondary:</i> Microbial kinetics of strain <i>Exploratory:</i> Change in plasma and urine 	 Cross-over design to enable rapid POC TID dosing Approx. 20 hyperoxaluria patients (Roux-en Y gastric bypass) Uox >70 mg/day 	 Patients with EH, preserved renal function & stones as a result of: Gastric Bypass Inflammatory bowel disease Cystic Fibrosis Short bowel syndrome 	 "Enteral dialysis" approach Patients with: eGFR < 30 mL/min/1.73 m², or Requiring hemodialysis, or Systemic oxalosis (blood, bones, heart, skin, retina)
biomarkers		 Chronic biliary or pancreatic diseases 	<i>Note:</i> Plasma Ox may be a better endpoint in pts with severe kidney disease or systemic

synlogic

oxalosis

Proof of Concept Phase 1b Study in Enteric Hyperoxaluria

Placebo-controlled crossover study; outpatient on their regular diet



Evidence Of Urinary Oxalate Lowering Could Be Demonstrated In The First In Patient Study In A Defined Population

Enteric Hyperoxaluria: Moving Forward

Preparing IND Package



Fit within Synlogic Strategy

- ✓ Well understood biology
- ✓ Metabolic disease with high unmet need
- ✓ Metabolite consumption leads directly to lower urine oxalate levels

Program Successes

- ✓ Prototype demonstrates oxalate lowering in preclinical studies
- Rapid development: program initiation to candidate selection in 10 months
- In Silico modeling predicts that consumption of >200 mg oxalate in gut will result in >20% oxalate lowering in urine



Next Milestone & Learnings

- Plan to file IND
- Assess safety in Ph.1a
- Evaluate urine oxalate lowering in patients

Enteric Hyperoxaluria

Our Next Step To Synthetic Biotic Medicines

High unmet medical need with no available therapeutic options Efficient clinical development: PoC achievable in Phase 1b SYNB8802 has potential to meaningfully reduce urinary oxalate levels



A Virtual Cup of Coffee with Drs. Goldfarb & Riese

© 2019 SYNLOGIC. ALL RIGHTS RESERVED. / 108

Immunomodulation

Dr. Amanda Kay, Head of Strategy & Business Development

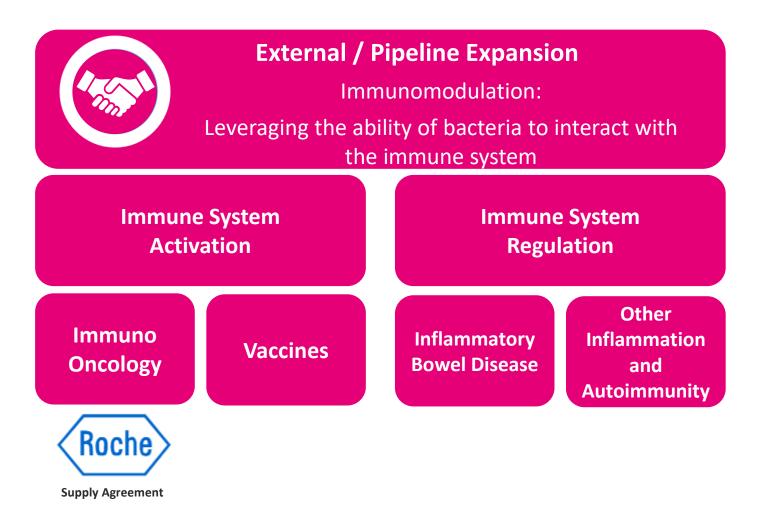


Immunomodulation

Synthetic Biotics can be engineered for immune activation or regulation SYNB1891 will provide clinical data in 2020 from a monotherapy cohort SYNB1618 has potential for improved efficacy relative to other STING approaches

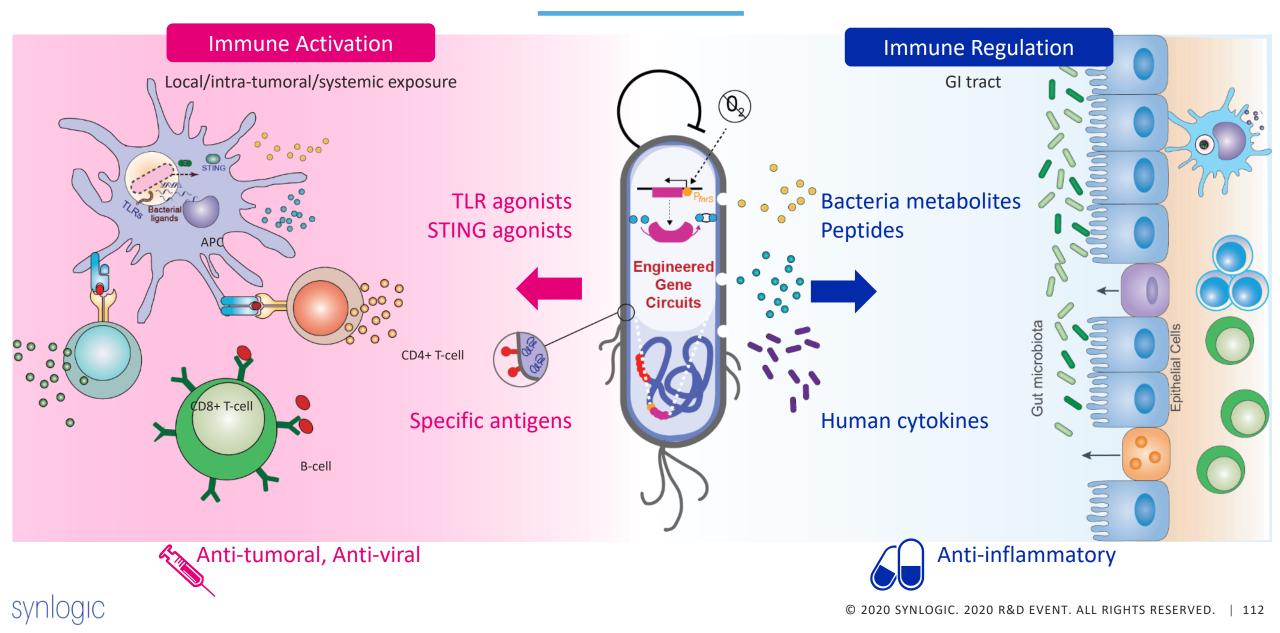
Immunomodulation Focus: Exploit Interaction of Bacteria and Immune System

Initial Exploration Through Partnership



EcN Can Be Engineered for Immune Activation or Immune Regulation

External Pipeline Built on Exploiting the Interaction Between Bacteria and the Immune System



SYNB1891 Design

Leveraging the ability of bacteria to interact with the immune system to turn a cold tumor hot

Component

Benefit

Targeting to antigen presenting cells in

the tumor microenvironment.

Innate immune activation

STING-agonist production restricted to

Bacterial Chassis

Switch

Effector: STING Agonist

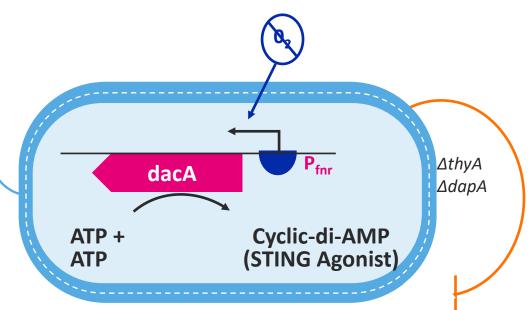
Safety Features

synlogic

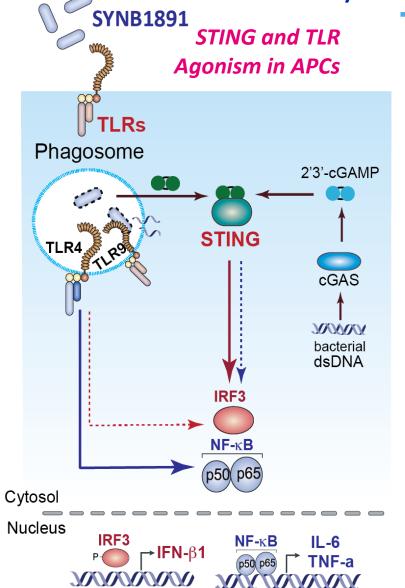


Innate immune activator compounds with chassis effect

Dual auxotrophies inhibit bacterial proliferation outside of tumor



SYNB1891 Combines Signaling Pathways of Other Innate Agonists

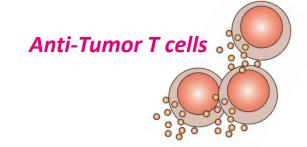


DUAL INNATE IMMUNE AGONIST Lead to Expression of:

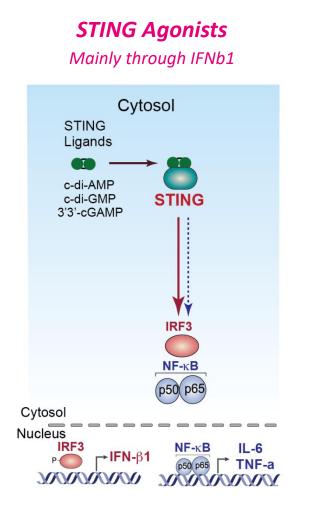
Type I Interferons

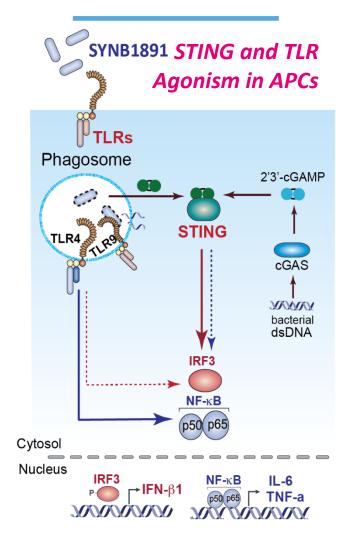
Inflammatory Cytokines

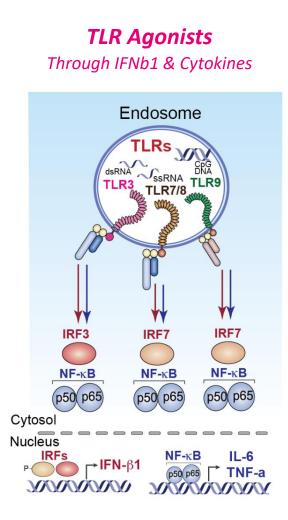
Tumor Antigens and ...



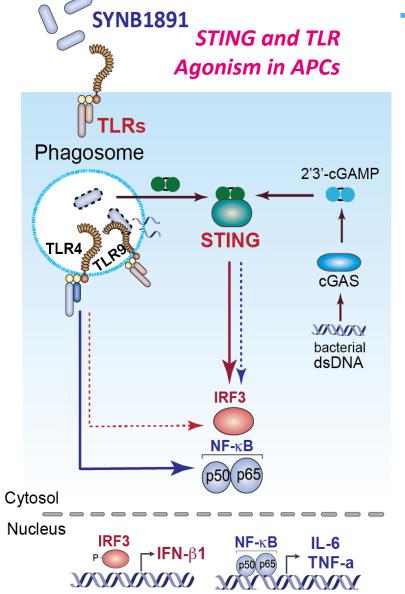
SYNB1891 Combines Signaling Pathways of Other Innate Agonists







SYNB1891 Locally Signals Through Inflammatory Cytokines, Unlike Naked Agonists

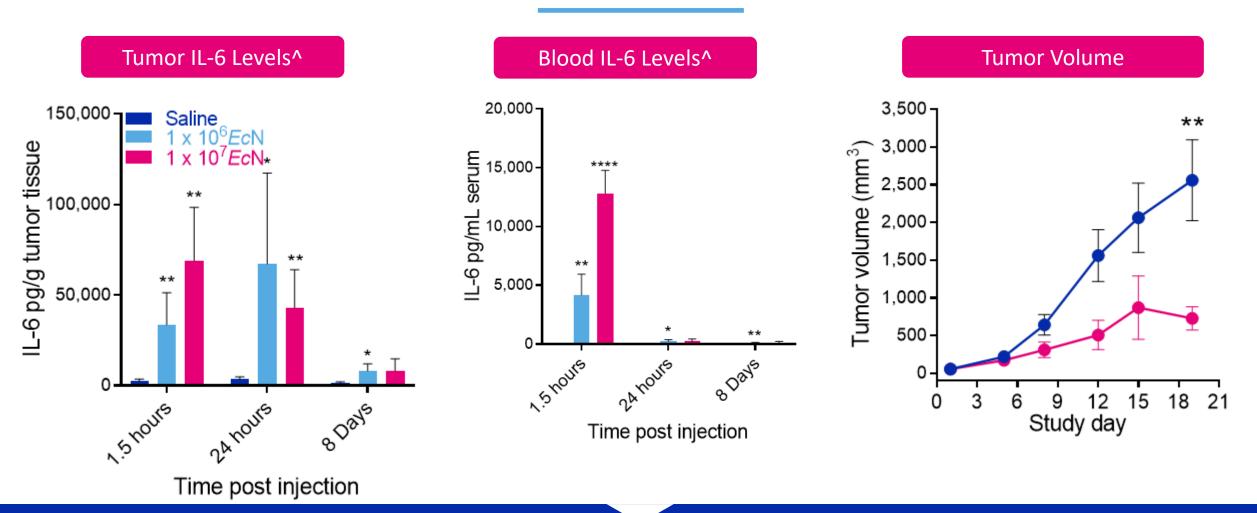


Differentiation of SYNB1891:

- 1. Chassis as strong stimulator of inflammatory cytokines
- 2. Two agonists of STING for enhanced IFN β 1
- 3. Efficacy advantage vs. naked STING agonists as targeted to APCs and tumor

CHASSIS Activates the Innate Immune System and Attenuates Tumor Progression

CT-26 Tumor Bearing Balb/c Mice Treated with *EcN i.t.*



Immune-Stimulating Properties of Chassis Can be Combined with Effector Therapeutic Mechanism

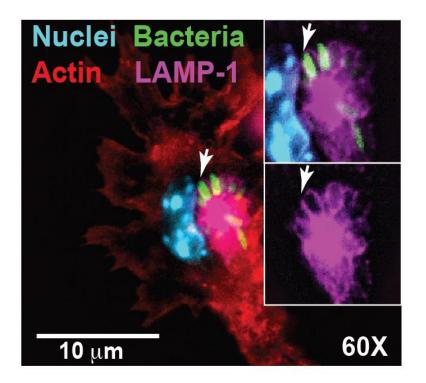
^Similar pattern observed for TNFα

synlogic

© 2020 SYNLOGIC. 2020 R&D EVENT. ALL RIGHTS RESERVED. | 117

SYNB1891 Induces IFNβ1 in a Phagocytosis- and STING-dependent Manner

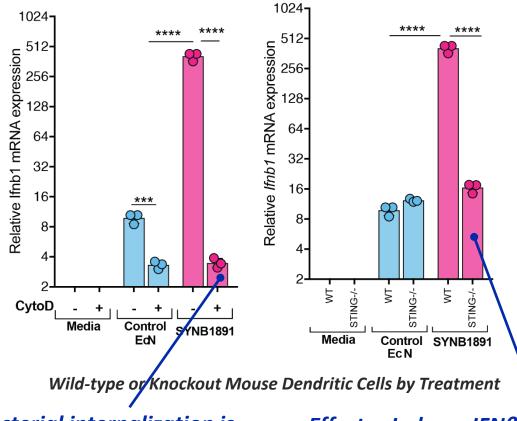
SYNB1891 Resides Within Mature LAMP-1-positive Phagosomes



SYNB1891 Targeted to Phagosomes of Antigen Presenting Cells Unlike Naked STING Agonists

synlogic

Role of Phagocytosis and STING on IFN β mRNA Expression

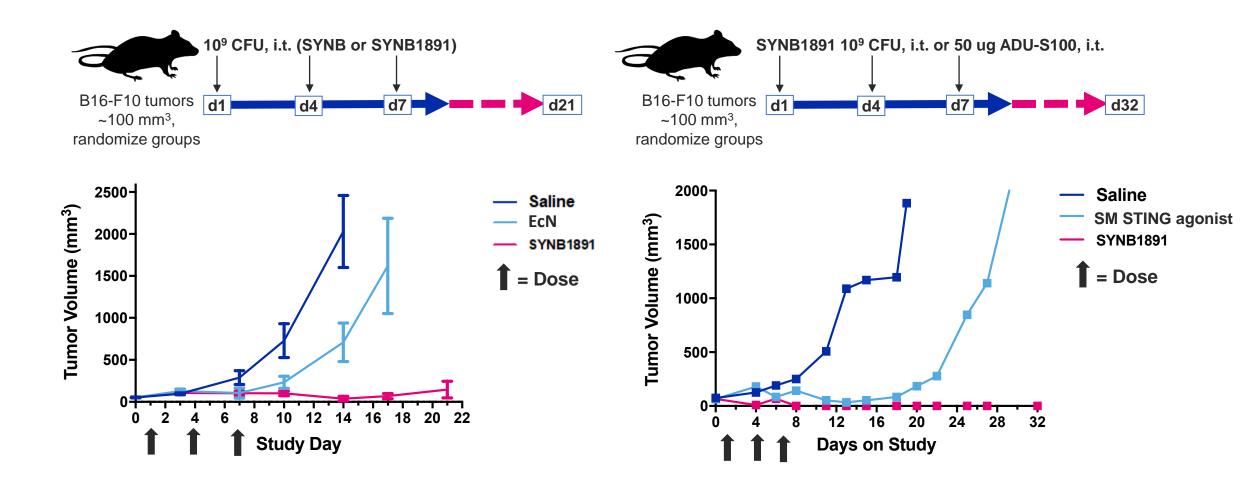


Bacterial internalization is required to induce IFN61

Effector Induces IFN61 in a STING-dependent Manner

SYNB1891 Induces Potent Anti-tumoral Effects

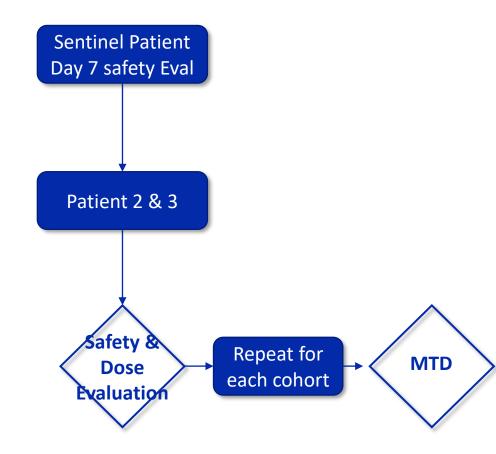
Effects Superior to 'Naked' STING Agonist in Animal Model of Cold Tumor



SYNB1891-CP-001 Study Design: Multidose Tolerability, IT Mono and Combo

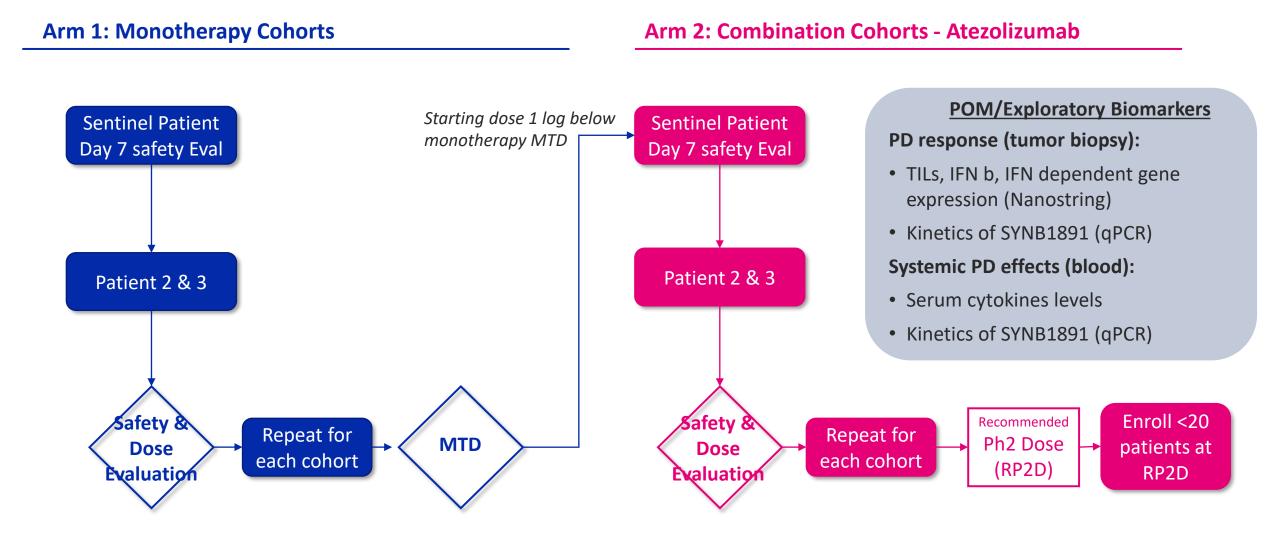
Proof of Mechanism: Exploratory Biomarkers in Advanced Solid Tumors or Lymphomas

Arm 1: Monotherapy Cohorts



SYNB1891-CP-001 Study Design: Multidose Tolerability, IT Mono and Combo

Proof of Mechanism: Exploratory Biomarkers in Advanced Solid Tumors or Lymphomas



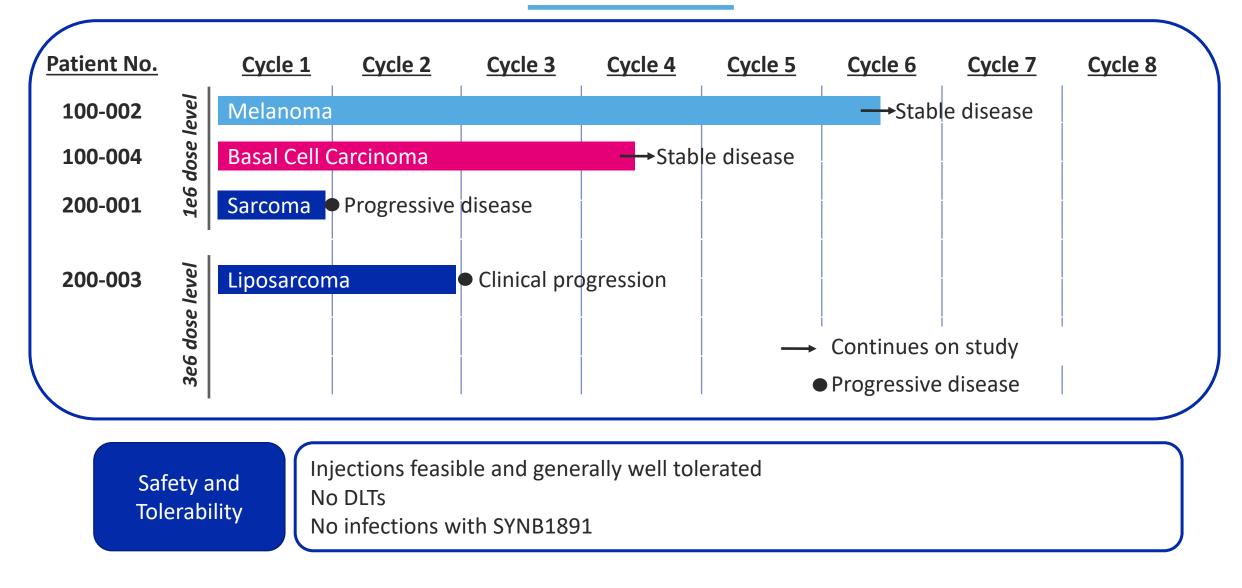
Initiated Monotherapy Arm in Q4 2019

Top National Cancer Investigators: Accrual Continuing Despite COVID-19 Impacts



Clinical Trial Status Update: Safety and Tolerability

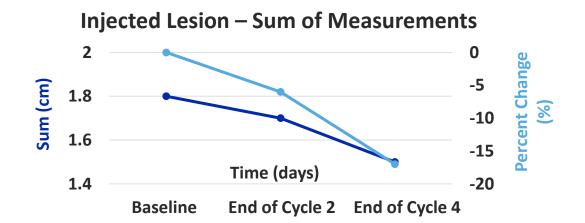
SYNB1891 Generally Well Tolerated. No DLTs or Infections

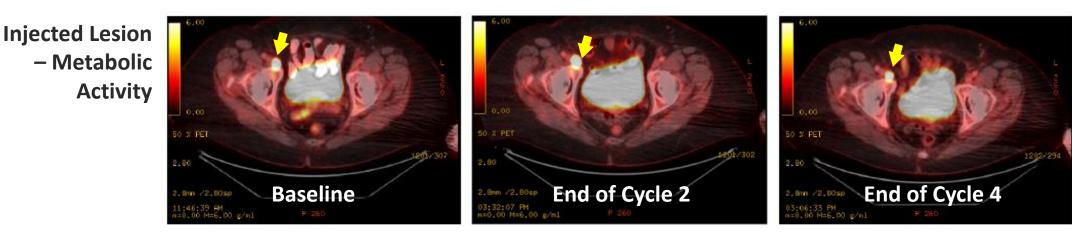


Patient 100-002: Metastatic Melanoma Previously Treated with Nivolumab

None to Mild Treatment-related Adverse Events

63-yo Female	Adverse Events			
KIT/PDGFRA/KDR Amplification;	Hypoglycemia, anxiety – mild, not			
ATM Deletion	related			
Previous: Local resection, nivolumab	Itching – mild, possibly related			
	Atrial fibrillation – severe, not			
	related			





Imaging Results Indicate Stable Disease at 3 mos in Injected Lesion (17% decrease)



SYNB1891: Moving Forward

Continuing Enrollment, Targeting Completion of Monotherapy End of 2020



Fit within Synlogic Strategy

- Potential-best-in-class STING agonist as activity potentiated by chassis effect
- ✓ Targeted to APCs in the tumor with potential safety benefits
- ✓ Establishes path for future oncology effectors



Program Successes

✓ Five sites activated. Will add back-up sites due to Covid-19 slowdown

✓ Safe and well-tolerated among first four patients



Next Milestone & Learnings

- Data from monotherapy arm expected late 2020
- Plan to initiate combination with atezolizumab arm early 2021
- Evaluate target engagement at a well-tolerated dose



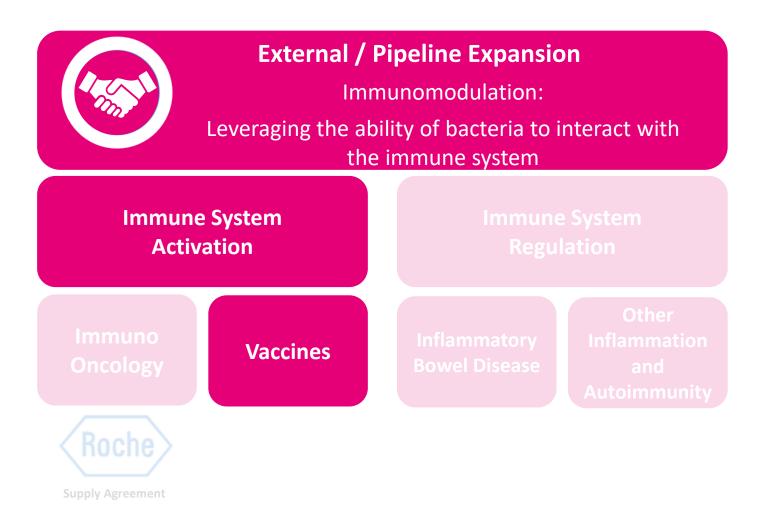
Immunomodulation: Vaccines

Dr. Caroline Kurtz, PhD Head of Product Development



Immunomodulation Focus: Exploit Interaction of Bacteria and Immune System

Initial Exploration Through Partnership

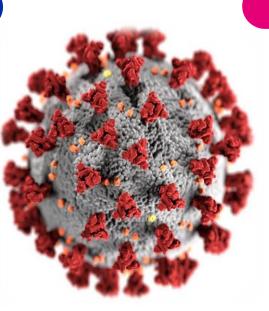


Vaccine Development: Opportunity

Synthetic Biotics Potential For Prevention of SARS-CoV2 and other viruses

Why SARS-CoV2?

- Likely multiple vaccine approaches will be needed globally
- Rapidly developing understanding of host infiltration mechanism
- Excellent first candidate to evaluate potential for vaccine application of orally available, temperature stable Synthetic Biotic products



Synlogic Approach

- STING agonist to induce Th1 / CD8+ T cell response
- Spike protein or receptor binding domain expression on E. Coli Nissle surface
- Potential to result in long lasting immunity with local mucosal delivery

Synlogic and Gingko are collaborating to develop candidate strains

Next Step: Selection of lead candidate

SYNCoV2 Build From Synthetic Library

Component

Bacterial Chassis

Switch

Benefit

Targeting to antigen presenting cells in the nasal mucosa Innate immune activation Specific immune induction

> STING Agonist: tbd SARS-CoV2 Spike: tbd

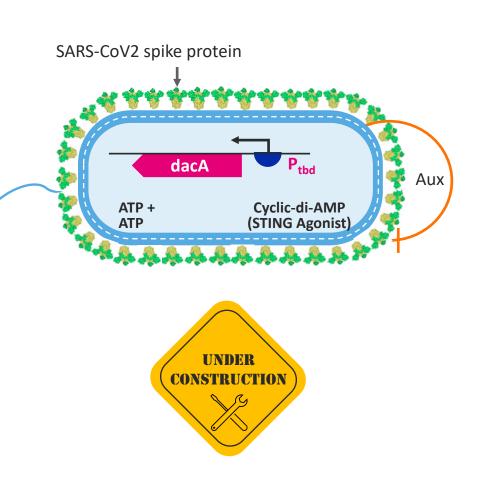
Effector 1: STING Agonist

Effector 2: SARS-CoV2 Spike

Safety Features synlogic Innate immune activator compounds with chassis effect

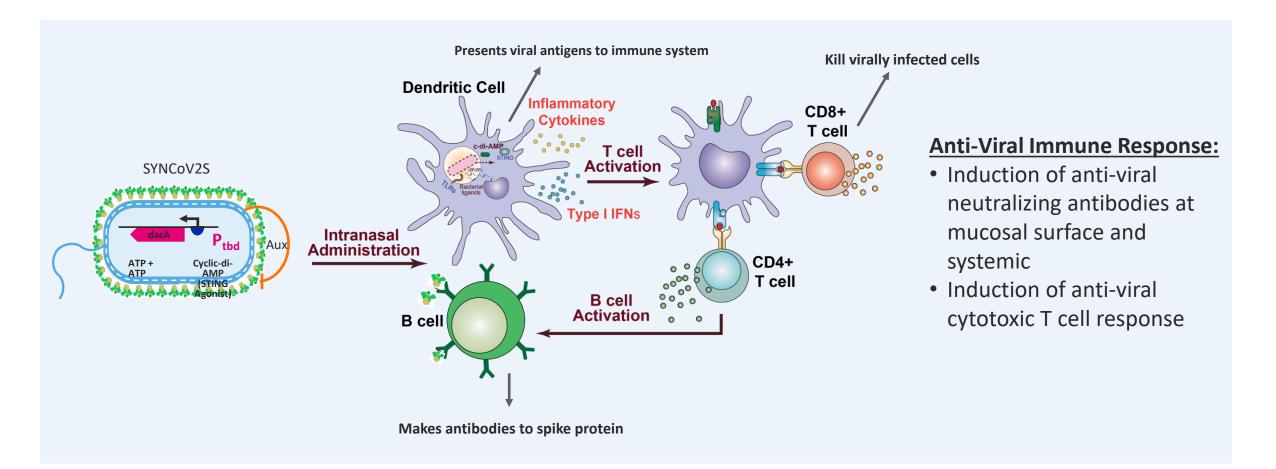
SARS-CoV2 proteins

Auxotrophy to inhibit bacterial proliferation in mucosal epithelium



Synlogic SARS-CoV2 Vaccine

Unique Approach To Induce Protective Immunity for COVID-19



Strain Designed to Induce Both Humoral and Cellular Immunity Protective Immunity to SARS-CoV2



Advantages of Synlogic Approach



Efficacy:

- Rationally designed, specific viral antigens and immune activators engineered into a single Synthetic Biotic
- Induces an antigen specific mucosal and systemic immune response
- Can be adapted if viral sequence changes over time



Safety: EcN chassis used orally in human populations for over 100 years

- No live virus
- Local delivery
- Auxotrophy engineered into strain to control growth

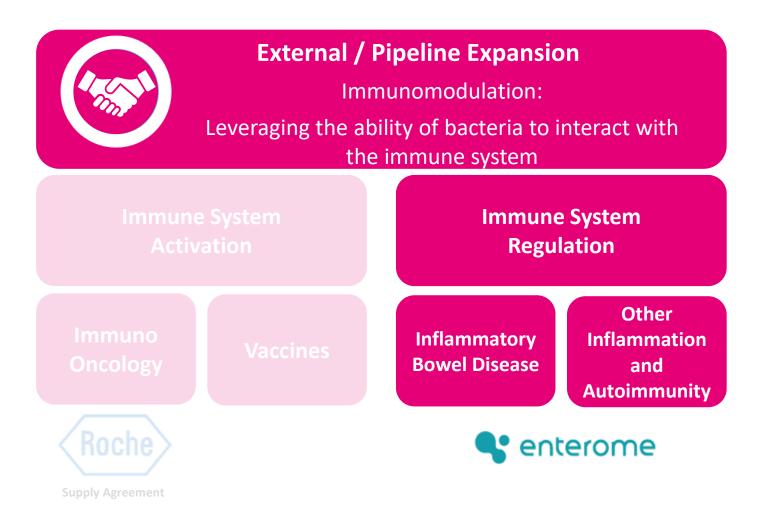


Manufacturability & Stability:

- Capability to produce 6 million doses of vaccine in a single batch (at 1x10⁹ live cells/dose)
- Lyophilized cells with room temperature stability, potential for global distribution

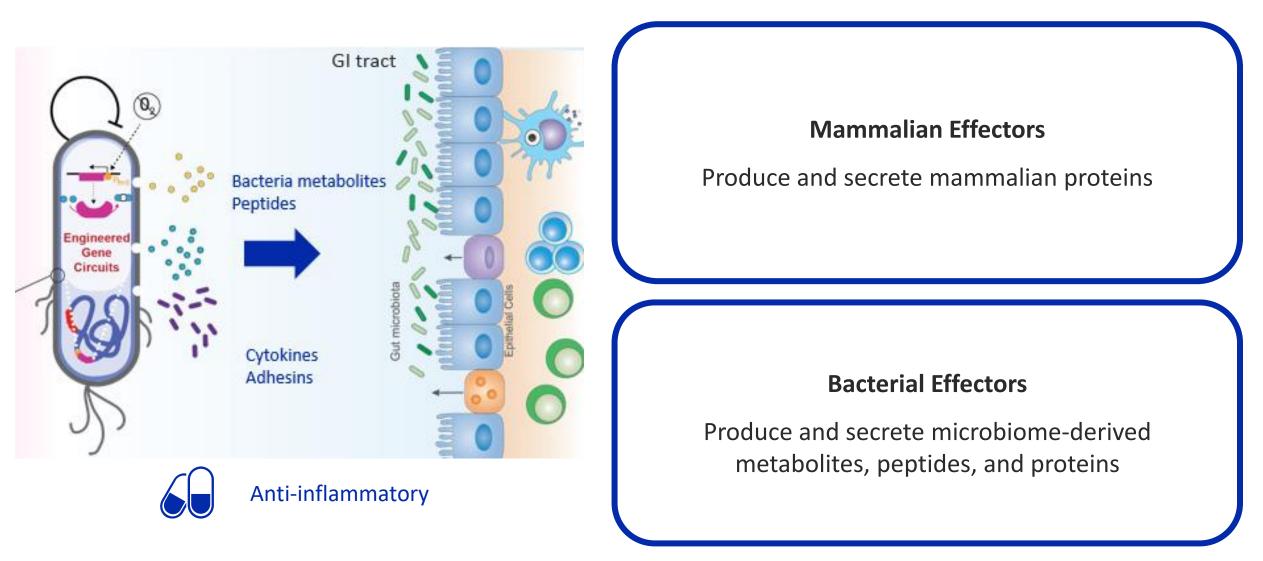
Immunomodulation Focus: Exploit Interaction of Bacteria and Immune System

Initial Exploration Through Partnership

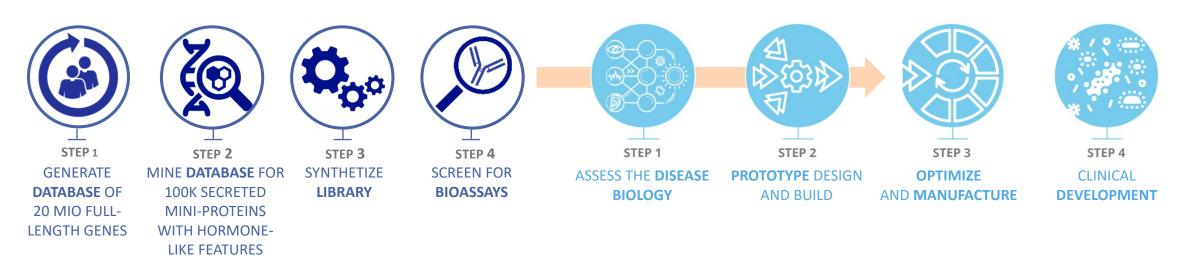


Bacterially-Mediated Immune Regulation

Rationally Designed Synthetic Biotics Have Wide Application Across Range of Disease States



Enterome and Synlogic: Highly Complementary Platforms





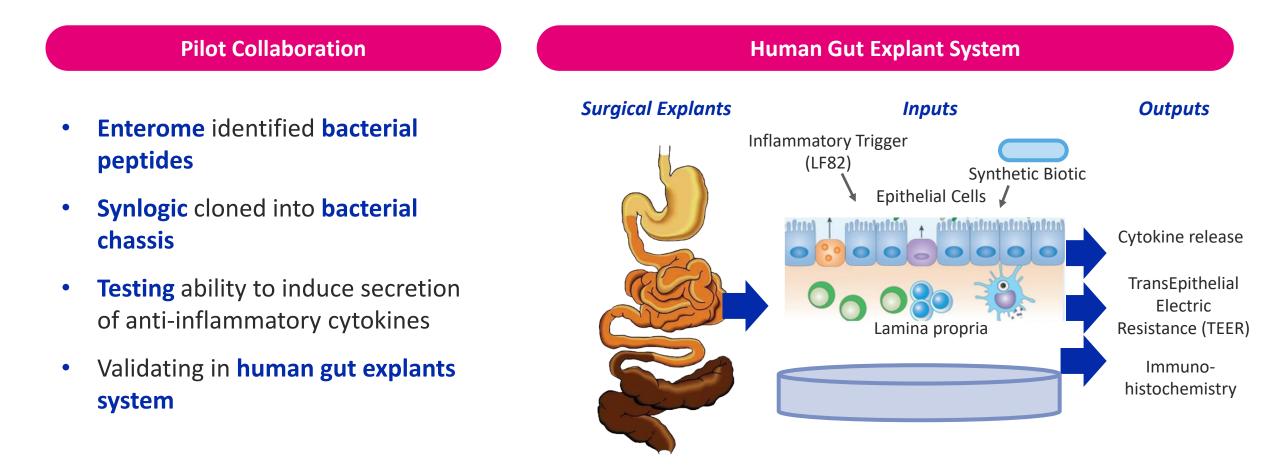
- DNA inserts coding for highly active (nM range) bacterial effectors with a known function
- Secreted molecules involved in key functions of human physiology are targeting the **GI tract**
- New libraries dedicated to screen an untapped reservoir of overlooked bacterial peptides



- EcN chassis for production and delivery of microbiome bioactives to the **GI tract**
- Ability to secrete biologically active human peptides and cytokines from EcN in vivo
- Disruptive cycle time

Pilot: Synthetic Biotic Effectors Secreting, Novel Bacterial-Produced Molecules

Secretion of Microbiome-derived Peptides to Down-regulate the Immune Response and Inflammation



Demonstrates the Opportunity to Expand to Broader Set of Novel Bacterially-produced Effectors

Building a Diverse Portfolio of Synthetic Biotic Medicines

Portfolio Growth Built on Foundational Platform Capabilities



Validated Biological Targets

Where a Synthetic Biotic medicine is uniquely positioned to impact patients Enabling Engine Core Differentiating Capabilities

> Synthetic Biology Internal + Ginkgo

Manufacturing of Live Biotherapeutics

Regulatory, Translational & Clinical Dev.

?

Internal Pipeline: Metabolic Programs

Consumption of toxic metabolites from the GI tract



External & Partnered Pipeline: Immunomodulation

Immunology and oncology: Leveraging the ability of bacteria to interact with the immune system

Our Agenda Today

Introduction & Welcome	Dr. Aoife Brennan, President & CEO
Synlogic's Product Engine	Dr. Amanda Kay, Head of Strategy & Business Development Tony Awad, Head of Technical Operations
Metabolic Programs	Dr. Caroline Kurtz, Head of Translational Sciences & Product Development
Metabolic Programs: Focus on Enteric Hyperoxaluria	Dr. Richard Riese, Chief Medical Officer Special Guest: Dr. David Goldfarb, New York University
Immuno-Modulation: Upregulation & Downregulation	Dr. Amanda Kay Dr. Caroline Kurtz
Q & A	Synlogic Leadership Team & Dr. David Goldfarb
Concluding Remarks	Dr. Aoife Brennan

Available For Questions



Aoife Brennan, MD CHB President & CEO



Antoine Awad Head of Tech Ops



Richard Riese, MD PhD CMO



Amanda Kay, PhD Head of BD & Strategy



David Goldfarb, MD PhD NYU Langone Center



Gregg Beloff, JD MBA Interim CFO



Caroline Kurtz, PhD Head of Product Development



Concluding Remarks

Dr. Aoife Brennan MD CHB

President & CEO



Executive Summary

- We are building a therapeutic platform with potential to benefit patients in new ways
- We have the **team**, technology and portfolio to succeed
- Rapidly progressing internal metabolic programs through POC
 - SYNB1618 (PKU) demonstrates activity in vivo and moving to Phase 2
 - Accelerated plan for SYNB8802 in enteric hyperoxaluria
- Building portfolio of **partner-able assets** in immunology and oncology
- Funded through multiple upcoming milestones across clinical portfolio



Multiple Expected Upcoming Milestones

Synlogic Entering Data Rich Period In The Clinic

Expected Milestone	2020			2021			
Expected Milestone		early	mid	late	early	mid	late
SYNB1618 PKU	Initiate Ph.2 study in PKU patients Ph.2 Phe-lowering read-out						
SYNB8802 HOX	Initiate IND-enabling studies Initiate Ph.1 study in HV and Patients	initiated					
	Ph.1 Patient Read-out						
SYNB1891 I/O	Ph.1 Monotherapy read-out Initiate Ph.1 combination study arm						
	Ph.1 Combination therapy read-out						

Significant Clinical Readouts Within Our Current Cash Window



Synthetic Biotic™ Medicines Designed For Life

Synlogic's mission is to address patients' dynamic therapeutic needs by developing living medicines that sense and respond to disease



301 BINNEY ST., #402, CAMBRIDGE, MA 02142 TEL: 617-401-9975 WEB: <u>WWW.SYNLOGICTX.COM</u> EMAIL: <u>INFO@SYNLOGICTX.COM</u>

© SYNLOGIC. 2020 R&D EVENT. ALL RIGHTS RESERVED.