



**BIORA**<sup>™</sup>  
Therapeutics

Exhibit 99.2

**CORPORATE  
PRESENTATION**

November 2023



## FORWARD-LOOKING STATEMENTS

This presentation contains “forward-looking statements” within the meaning of the federal securities laws, which statements are subject to substantial risks and uncertainties and are based on estimates and assumptions. All statements, other than statements of historical fact included in this presentation, including statements concerning our plans, objectives, goals, strategies, future events, plans or intentions relating to product candidates, estimates of market size, the anticipated timing, design and conduct of our planned pre-clinical and clinical trials, the anticipated timing for pre-clinical and clinical data, the development of our product candidates, the potential clinical benefits of our product candidates, including efficacy and safety benefits, the potential benefits of strategic partnerships and licensing arrangements and our intent to enter into any strategic partnerships or licensing arrangements, the timing and likelihood of success, plans and objectives of management for future operations and future results of anticipated product development efforts, are forward-looking statements. In some cases, you can identify forward-looking statements by terms such as “may,” “might,” “will,” “objective,” “intend,” “should,” “could,” “can,” “would,” “expect,” “believe,” “design,” “estimate,” “predict,” “potential,” “plan” or the negative of these terms, and similar expressions intended to identify forward-looking statements. These statements involve known and unknown risks, uncertainties and other factors that could cause our actual results to differ materially from the forward-looking statements expressed or implied in this presentation, including competition from third parties with respect to our product candidates; risks related to the supply and manufacturing of and complexity of components in our devices; whether we will be able to develop our precision medicine products, and, if developed, that such product candidates will be authorized for marketing by regulatory authorities, or will be commercially successful; and those described in “Risk Factors” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations” in our Annual Report on Form 10-K for the fiscal year ended December 31, 2022, and elsewhere in such filing and in other subsequent disclosure documents, including our Quarterly Reports on Form 10-Q, filed with the U.S. Securities and Exchange Commission.

We cannot assure you that we will realize the results, benefits or developments that we expect or anticipate or, even if substantially realized, that they will result in the consequences or affect us or our business in the way expected. Forward-looking statements are not historical facts and reflect our current views with respect to future events. Given the significant uncertainties, you should evaluate all forward-looking statements made in this presentation in the context of these risks and uncertainties and not place undue reliance on these forward-looking statements as predictions of future events. All forward-looking statements in this presentation apply only as of the date made and are expressly qualified in their entirety by the cautionary statements included in this presentation. We disclaim any intent to publicly update or revise any forward-looking statements to reflect subsequent events or circumstances, except as required by law.

**Industry and Market Data:** We obtained the industry, market, and competitive position data used throughout this presentation from our own internal estimates and research, as well as from industry and general publications, and research, surveys, and studies conducted by third parties. Internal estimates are derived from publicly available information released by industry analysts and third-party sources, our internal research and our industry experience, and are based on assumptions made by us based on such data and our knowledge of the industry and market, which we believe to be reasonable. In addition, while we believe the industry, market, and competitive position data included in this prospectus is reliable and based on reasonable assumptions, we have not independently verified any third-party information, and all such data involve risks and uncertainties and are subject to change based on various factors. These and other factors could cause results to differ materially from those expressed in the estimates made by the independent parties and by us.

*Our mission is to reimagine therapeutic delivery*

Innovating smart capsule technologies to deliver the right dose to the right place, safely



## NAVicap™

TARGETED ORAL DELIVERY

Treatment at the site of disease in the GI tract could improve outcomes for patients with inflammatory bowel disease



## BIOjet™

SYSTEMIC ORAL DELIVERY

Needle-free, oral delivery of large molecules designed to replace injection for better management of chronic diseases

# THERAPEUTIC PIPELINE

	PROGRAM	INDICATION	DESIGN/FEASIBILITY	PRECLINICAL	CLINICAL
NAVICAP™ TARGETED DELIVERY	<b>NaviCap™</b> Targeted Oral Delivery Platform	--			
	<b>BT-600</b> NaviCap + tofacitinib*	UC			
	<b>BT-001</b> NaviCap + adalimumab variant*	UC			
BIOJET™ SYSTEMIC ORAL DELIVERY	<b>BioJet™</b> Systemic Oral Delivery Platform	--			
	<b>Ionis Collaboration</b> BioJet + antisense therapy	Undisclosed			
	<b>Large Pharma 1 Collaboration</b> BioJet + undisclosed drug	Undisclosed			
	<b>Large Pharma 2 Collaboration</b> BioJet + undisclosed drug	Undisclosed			
	<b>PLANNED FOR 2024</b>				
	<b>BT-200</b> BioJet + GLP-1 receptor agonist*	Demonstration Program			
	<b>BT-002</b> BioJet + adalimumab variant*	Demonstration Program			

\*Biora's own molecules

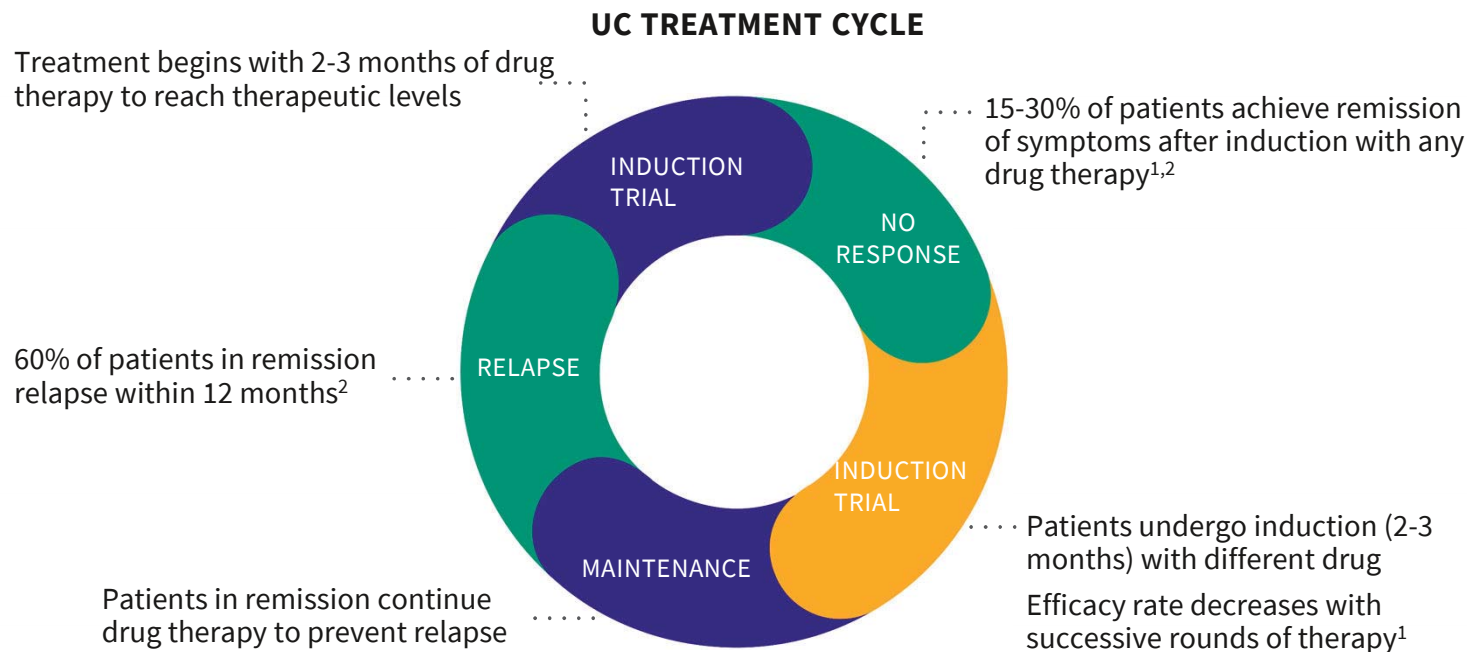


NAVICap™

TARGETED ORAL DELIVERY

## ULCERATIVE COLITIS: THE TREATMENT GAP

*Despite therapeutics targeting different pathways, few patients achieve long-term remission*



## ABOUT ULCERATIVE COLITIS

- Inflammatory bowel disease (IBD) includes Crohn's disease and ulcerative colitis (UC)
- UC causes inflammation and damage to the large intestine
- About 1 million people in the U.S. are affected with UC, and ~40,000 cases are diagnosed each year<sup>3</sup>

1. Alsoud D, Verstockt B, Fiocchi C, Vermeire S. Breaking the therapeutic ceiling in drug development in ulcerative colitis. *Lancet Gastroenterol Hepatol.* 2021;6(7):589-595.

2. Hirten RP, Sands BE. New Therapeutics for Ulcerative Colitis. *Annu Rev Med.* 2021;72:199-213.

3. Shivashankar R, Tremaine WJ, Harmsen WS, Loftus EV Jr. Incidence and Prevalence of Crohn's Disease and Ulcerative Colitis in Olmsted County, Minnesota From 1970 Through 2010. *Clin Gastroenterol Hepatol.* 2017;15(6):857-863.

## UNMET NEED IN ULCERATIVE COLITIS

# *Targeted delivery could enable rapid induction and improve patient response*

### THERAPEUTIC CHALLENGES

- 1 Difficulty of achieving sufficient drug levels at site of disease
- 2 Systemic toxicity issues may limit daily dosage of UC drugs
- 3 Combination therapy is limited by toxicity

### POTENTIAL SOLUTION

- Targeted delivery is designed to increase drug levels at the site of disease, which is correlated with improved outcomes<sup>1</sup>
- Reduced systemic uptake is designed to reduce toxicity and adverse events
- Reduced toxicity could enable combination therapy<sup>2</sup>

Development in partnership with:



1. [Verstockt B, Alsoud D, van Oostrom J, et al. Tofacitinib tissue exposure correlates with endoscopic outcome. Poster presented at: 17th Congress of the European Crohn's and Colitis Organisation \(ECCO\), February 18, 2022, virtual.](#)  
2. [van Oostrom J, Verstockt B, Hanzel J, et al. Pharmacokinetic stratification of cytokine profiles during anti-TNF induction treatment in moderate-to-severe ulcerative colitis. Poster presented at: 17th Congress of the European Crohn's and Colitis Organisation \(ECCO\), February 18, 2022, virtual.](#)





## RESEARCH DATA SUPPORTS TARGETED APPROACH

### *Tissue drug concentration correlates with endoscopic outcomes in UC*

30 consecutive UC patients with active endoscopic disease initiated treatment with tofacitinib and prospectively monitored

#### RESULTS

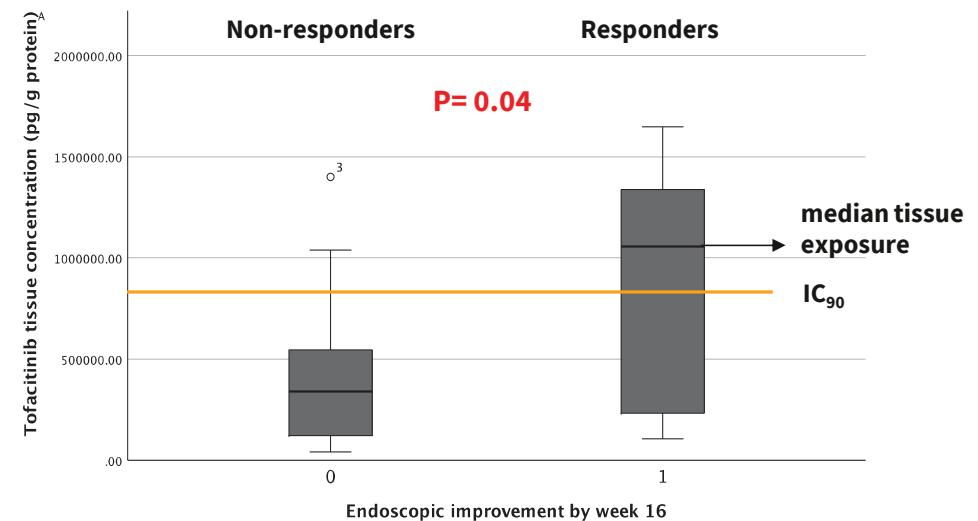
- Tofacitinib tissue exposure at the end of induction was associated with endoscopic improvement by week 16 ( $p=0.04$ )
- In responders ( $n=14$ ), median tofacitinib tissue exposure exceeded  $IC_{90}$

Research presented at ECCO 2022 and DDW 2022 in collaboration with:



[Verstocht B, Alsoud D, van Oostrom J, et al. Tofacitinib tissue exposure correlates with endoscopic outcome. Poster presented at: 17th Congress of the European Crohn's and Colitis Organisation \(ECCO\), February 18, 2022, virtual.](#)

#### TOFACITINIB TISSUE EXPOSURE EXCEEDED $IC_{90}$ IN RESPONDERS





## NAVICAP™ TARGETED DRUG DELIVERY PLATFORM

### *Needle-free, oral drug delivery to the colon*

NAVICap™

#### ORAL ADMINISTRATION

Convenient oral capsule the size of a fish-oil pill

#### AUTONOMOUS LOCATION

GITrac™ autolocation technology enables targeted delivery to the colon, regardless of fasted or fed state<sup>1</sup>

#### TARGETED DRUG DELIVERY

Method designed to coat the length of the colon with liquid formulation, minimizing systemic uptake

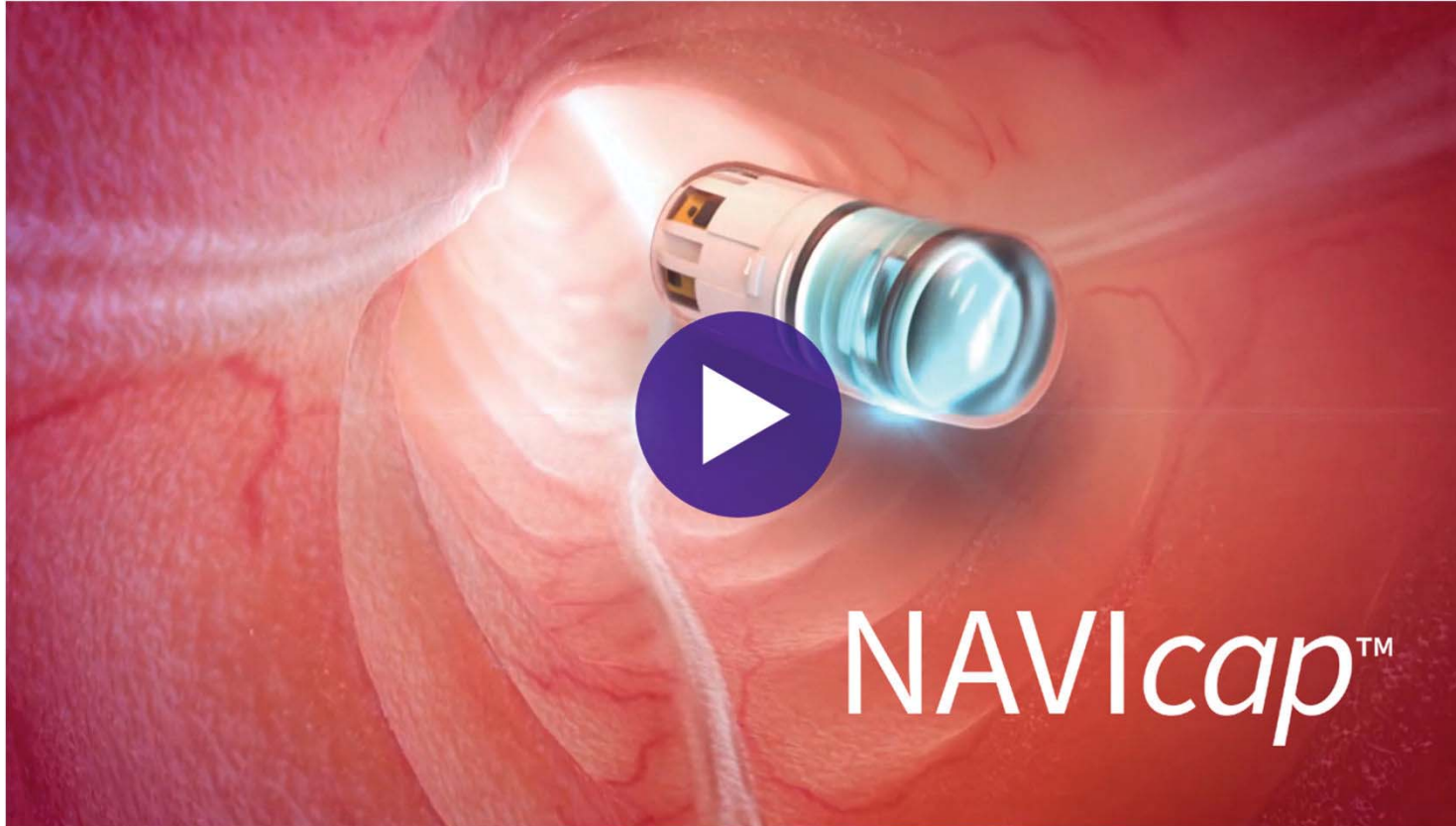


1. Lee SN, Razag G, Stork C, et al. Potential effects of food on a novel Drug Delivery System (DDS) to deliver therapeutic compound into the colon. Poster presented at: Crohn's & Colitis Congress, January 19-21, 2023, Denver, CO.

## NAVICAP™ TARGETED DRUG DELIVERY PLATFORM

*Autonomous location and delivery to the colon*

NAVICap™



<https://biora.wistia.com/medias/r65935rbqs>

## DEVICE FUNCTION STUDIES

NAVICap™

*Four successful studies in humans showing the NaviCap™ device was well tolerated and performed as intended*

Q4 2022

### PM-601 Device Function Study in Healthy Volunteers – Fasted State

- 83% of devices accurately identified entry into the colon (10/12)<sup>1</sup>
- Achieved distribution of payload across the entire colon<sup>1</sup>
- No early deployment before colon detection<sup>1</sup>

HEALTHY VOLUNTEERS



Q4 2022

### PM-602 Device Function Study in Patients with Active UC

- 100% of devices accurately identified entry into the colon, triggered release of a liquid payload, and achieved distribution across the entire colon (7/7)<sup>3</sup>

ACTIVE UC PATIENTS



Q1 2023

### PM-611 Device Function Study in Healthy Volunteers – Fasted & Fed

- 100% of analyzed devices successfully identified entry to the colon and activated gas cells for delivery in all fasted/fed schedules (39/39)<sup>2</sup>
- 97.4% of analyzed devices activated the payload release function (38/39)<sup>2</sup>

FUNCTION WITH/WITHOUT FOOD



Q2 2023

### BT-603 Device Function Study in Healthy Volunteers – Fasted State

- 94% of devices accurately identified entry into the colon, triggered release of a liquid payload, and achieved distribution across the entire colon (15/16)<sup>4</sup>

PHASE 1-READY DEVICE



1. Lee SN, Sandefer E, Doll W, et al. A Scintigraphic Study to Evaluate the Safety, Tolerability, and Functionality of a Drug Delivery System (DDS) Device in Healthy Volunteers in Fasted State. Poster presented at: *American College of Gastroenterology Annual Scientific Meeting*, October 21-26, 2022, Charlotte, NC.

2. Lee SN, Razag G, Stork C, et al. Potential effects of food on a novel Drug Delivery System (DDS) to deliver therapeutic compound into the colon. Poster presented at: *Crohn's & Colitis Congress*, January 19-21, 2023, Denver, CO.

3. Martin K, Lee SN, Stork C, et al. A Scintigraphic Study to Evaluate the Localization and Delivery Function of a Drug Delivery System (DDS) Device in Patients with Active Ulcerative Colitis (UC) in Fasted State. Poster presented at: *American College of Gastroenterology Annual Scientific Meeting*, October 21-26, 2022, Charlotte, NC.

4. Biora Therapeutics internal data

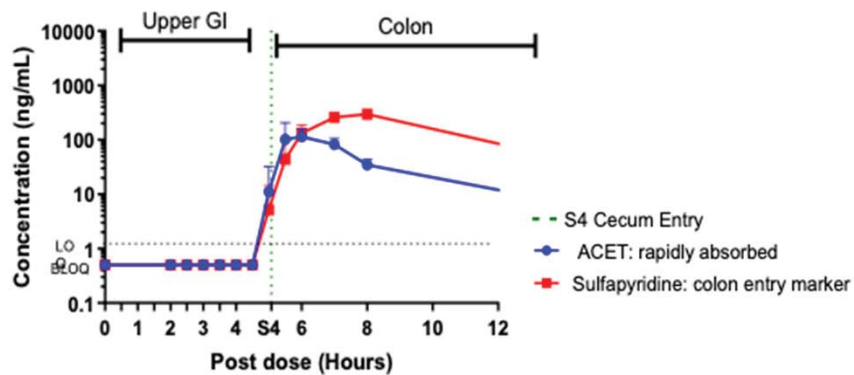
## DEVICE FUNCTION STUDIES

# *Demonstrated accurate localization and delivery to colon*

NAVicap™

### ACCURATE DELIVERY TO COLON IN CANINES

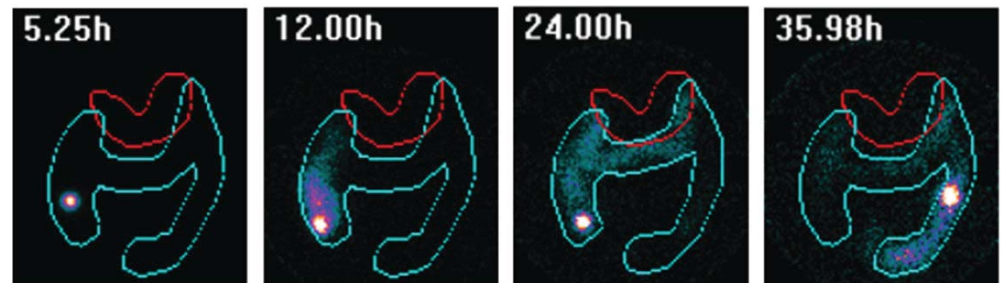
Pharmacokinetic data from two marker drugs administered in canine model



- Successful delivery to colon via device
- No early release of drug
- No drug absorption in upper GI tract

### ACCURATE LOCALIZATION AND DELIVERY TO HUMAN COLON

Clinical device validation for localization and delivery function using scintigraphic imaging in patients with active ulcerative colitis



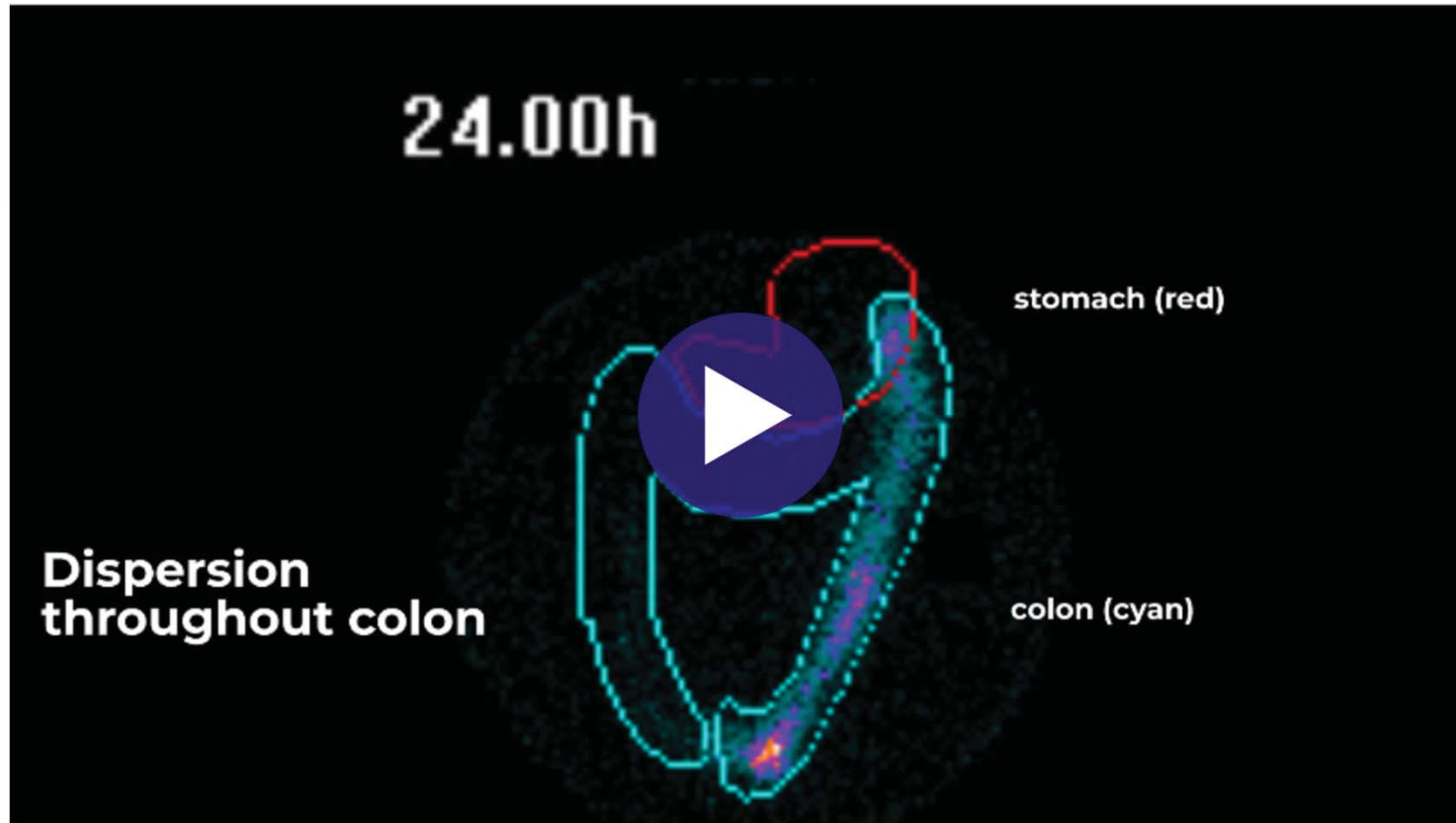
- Achieved distribution across the entire colon



## DEVICE FUNCTION STUDIES

### *Scintigraphic imaging of NaviCap delivery in healthy subject*

NAVICap™



Despite variability in the GI environment among subjects, the NaviCap device has been shown to perform as designed across a range of expected differences in motility.



<https://www.bioratherapeutics.com/pipeline/targeted-therapeutics#scintigraphy>

## BT-600 PRECLINICAL STUDY RESULTS

### *Reduced systemic uptake, better distribution and tissue coverage*

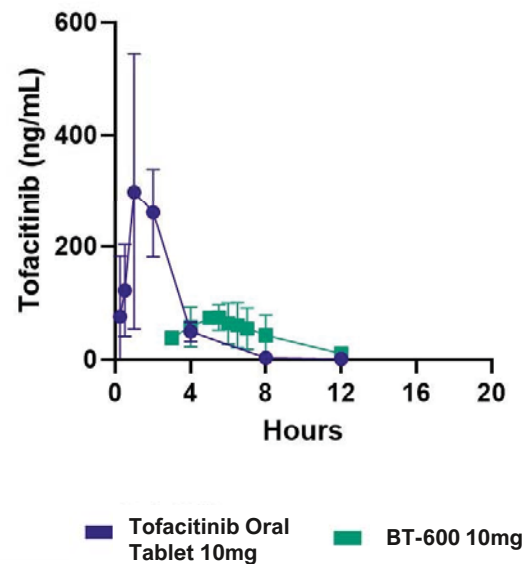


Non-GLP study; 7 days/QD in canine model compared BT-600 (tofacitinib 10mg liquid formulation delivered via device) vs. standard oral tablet (tofacitinib 10mg)

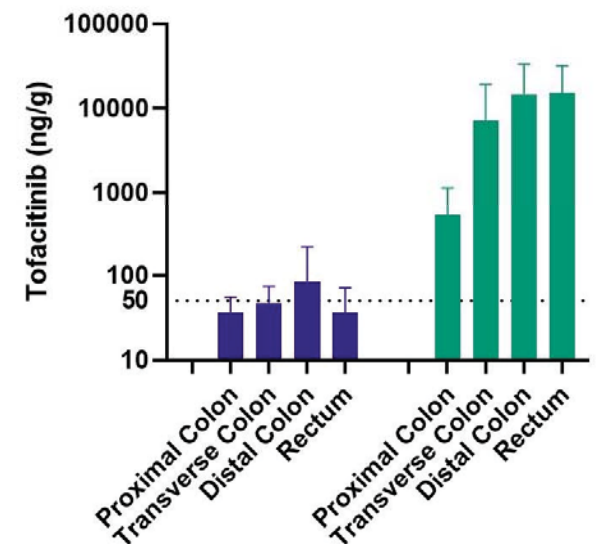
#### RESULTS

- Reduced drug levels in blood vs. standard oral tablet
- Tissue drug levels at average ~100X higher along the length of the colon vs. standard oral tablet
- Data suggest that a dose lower than the standard 10mg tofacitinib may provide increased tissue levels while reducing systemic exposure

#### PLASMA LEVEL CMAX ~5X LOWER

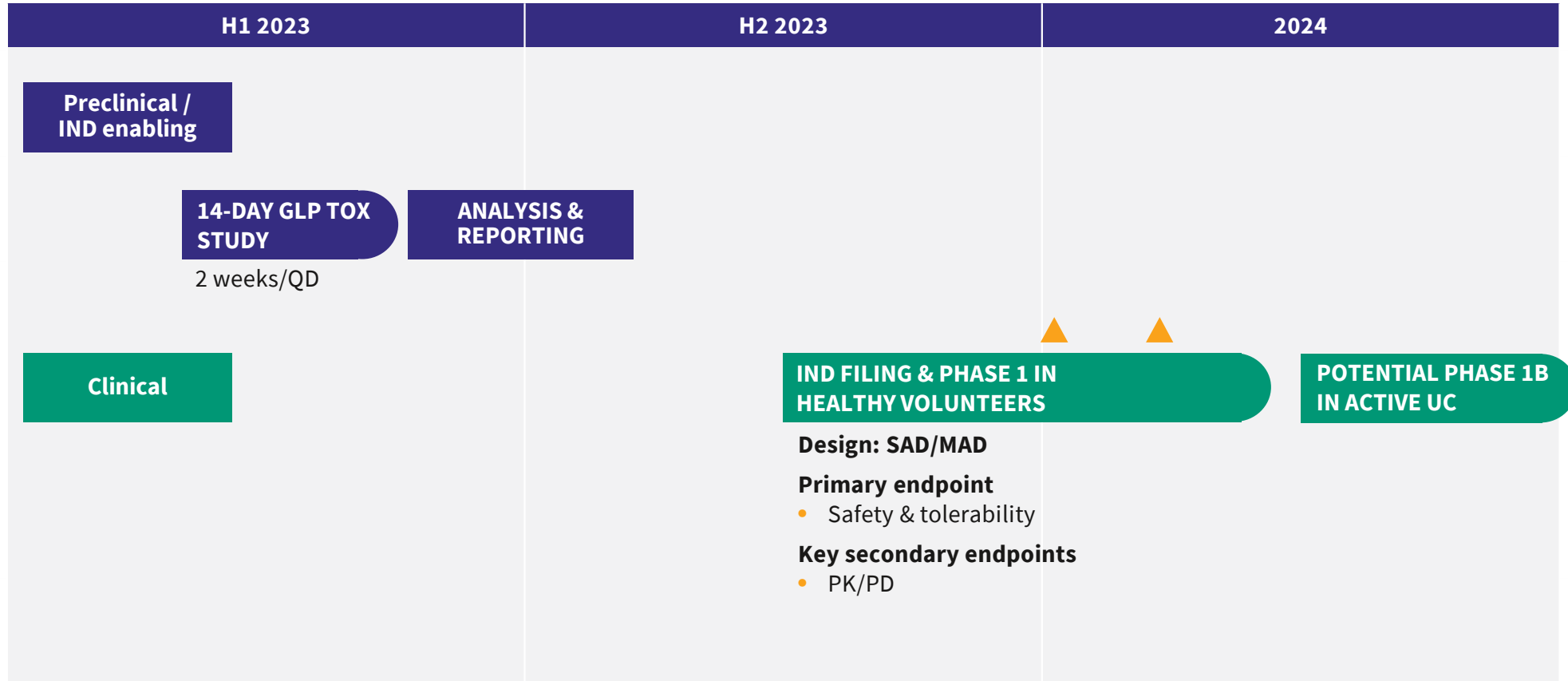


#### COLON TISSUE COVERAGE ~100X HIGHER



# BT-600 (NAVICAP™ + TOFACITINIB)

## Clinical Development Plan



▲ INTERIM DATA

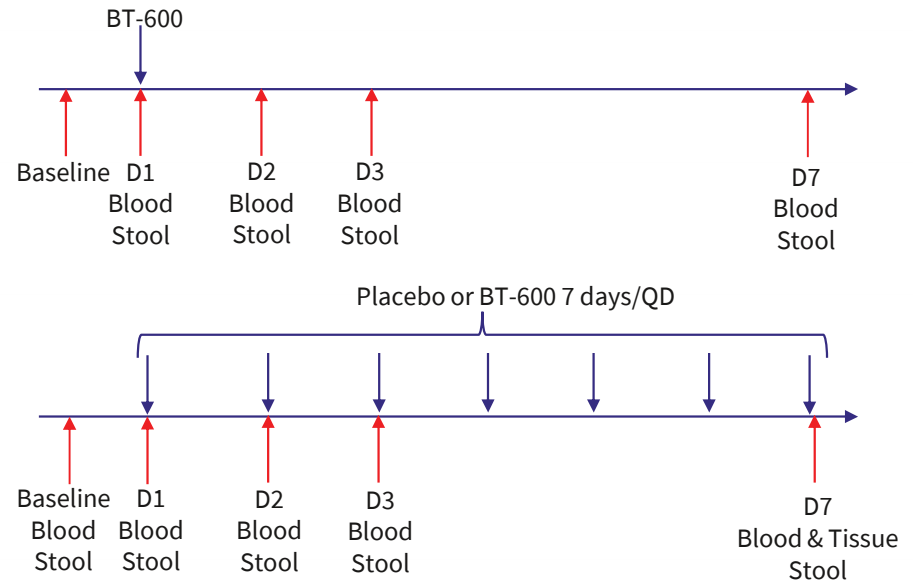
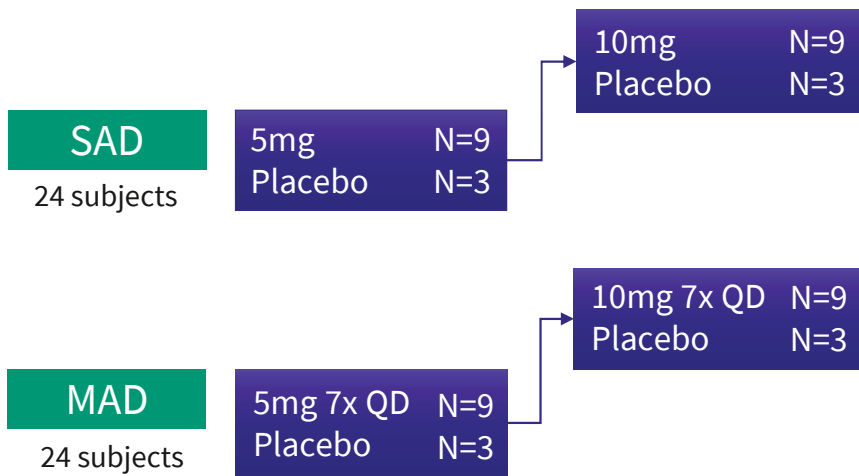




## PHASE 1: SINGLE AND MULTIPLE ASCENDING DOSE STUDIES



# Evaluate safety, tolerability, pharmacokinetics and pharmacodynamics of BT-600 in healthy volunteers



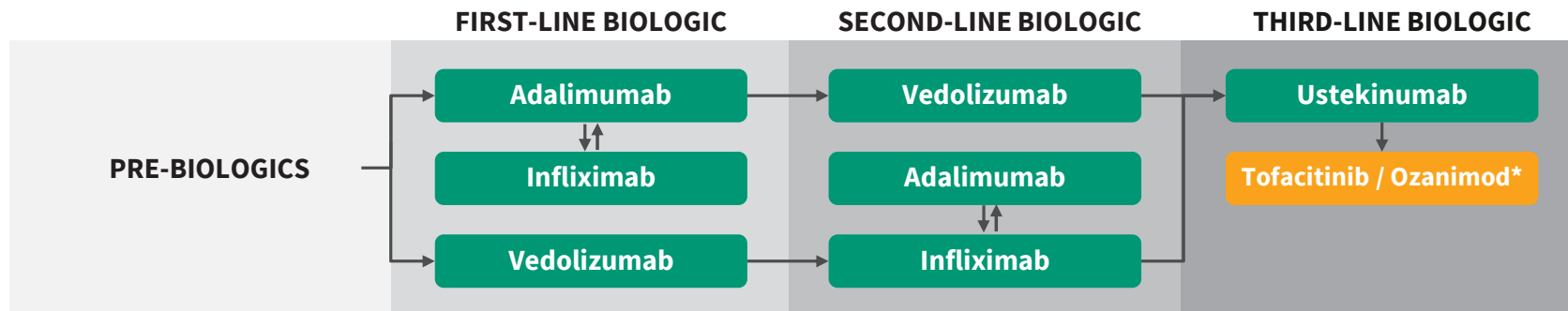
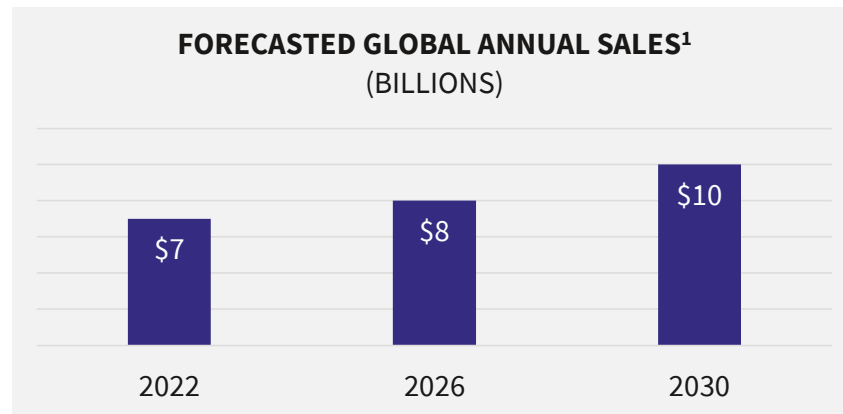
<b>PATIENT POPULATION</b>	Normal healthy volunteers Total of 48 subjects (24 SAD and 24 MAD subjects)
<b>STUDY DESIGN</b>	Randomized, double-blind (participant and site), placebo-controlled study to evaluate the safety, tolerability, and PK/PD of SAD and MAD doses of BT-600 in healthy subjects
<b>OBJECTIVES</b>	Demonstrate safety and tolerability of BT-600, assess PK and PD effects of tofacitinib released from BT-600 over 8 days in NHV in blood and in tissue



## ULCERATIVE COLITIS: TREATMENT LANDSCAPE

### *Potential for market-leading efficacy in tofacitinib creates sizeable opportunity*

- Global annual sales forecast for ulcerative colitis therapeutics:
  - \$7 billion in 2022<sup>1</sup>
- >10 FDA-approved drugs for UC



1. Source: Evaluate Pharma; GlobalData

\*Non-biologic drug therapies

BIOjet™

SYSTEMIC ORAL DELIVERY

## UNMET NEED

### *Needles are associated with poor disease management*

38%

of people with diabetes discontinue injectable medications due to injection concerns<sup>1,2</sup>

42%

of patients fail to maintain diabetes treatment due to injection concerns when using an injectable GLP-1 agonist<sup>2</sup>

71%

higher discontinuation rate for diabetes patients initiating treatment with an injectable GLP-1 agonist vs. those starting oral therapy<sup>2</sup>

1. Palanca A, Ampudia-Blasco FJ, Calderón JM, et al. Real-World Evaluation of GLP-1 Receptor Agonist Therapy Persistence, Adherence and Therapeutic Inertia Among Obese Adults with Type 2 Diabetes. *Diabetes Ther.* 2023;14(4):723-736. doi:10.1007/s13300-023-01382-9

2. Spain CV, Wright JJ, Hahn RM, Wivel A, Martin AA. Self-reported Barriers to Adherence and Persistence to Treatment With Injectable Medications for Type 2 Diabetes. *Clin Ther.* 2016;38(7):1653-1664.e1. doi:10.1016/j.clinthera.2016.05.009



## BIOJET™ SYSTEMIC DRUG DELIVERY PLATFORM

### *Needle-free, oral delivery to small intestine*

BIOjet™

#### ORAL CAPSULE

- Convenient oral capsule the size of a multivitamin for ease of swallowing

#### PRECISE DELIVERY

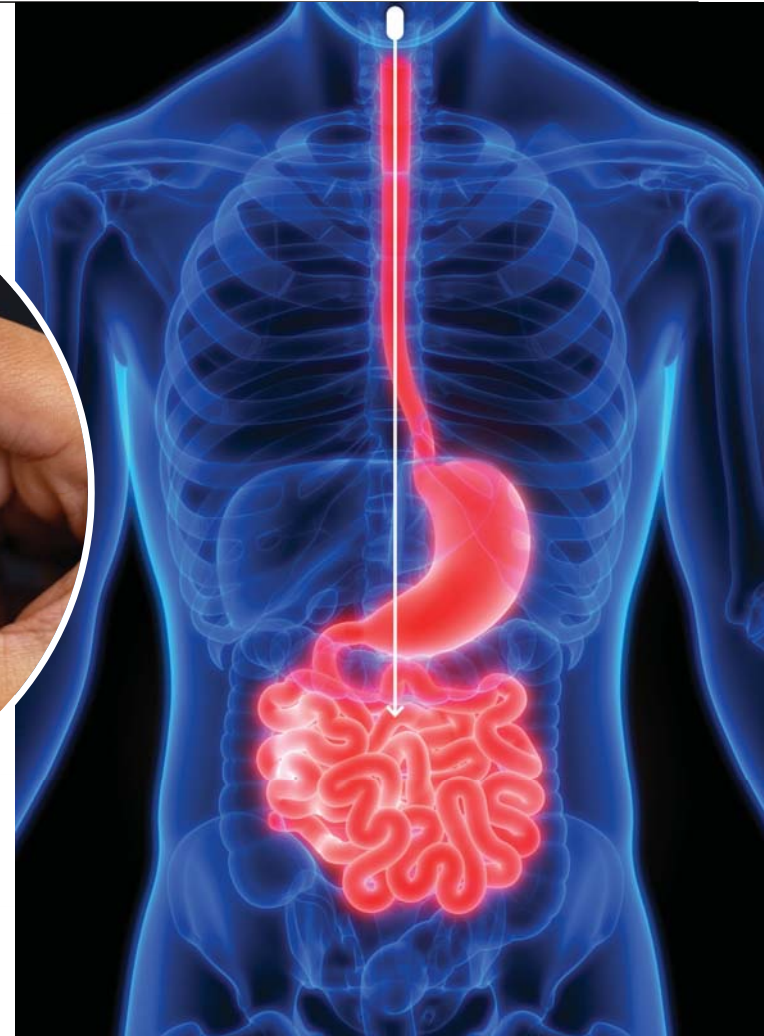
- Enteric trigger for precise timing of drug delivery to the small intestine

#### NEEDLE-FREE ADMINISTRATION

- Liquid jet injection to the small intestine to maximize systemic uptake

#### RESEARCH COLLABORATIONS

- **IONIS**
- Large Pharma 1
- Large Pharma 2

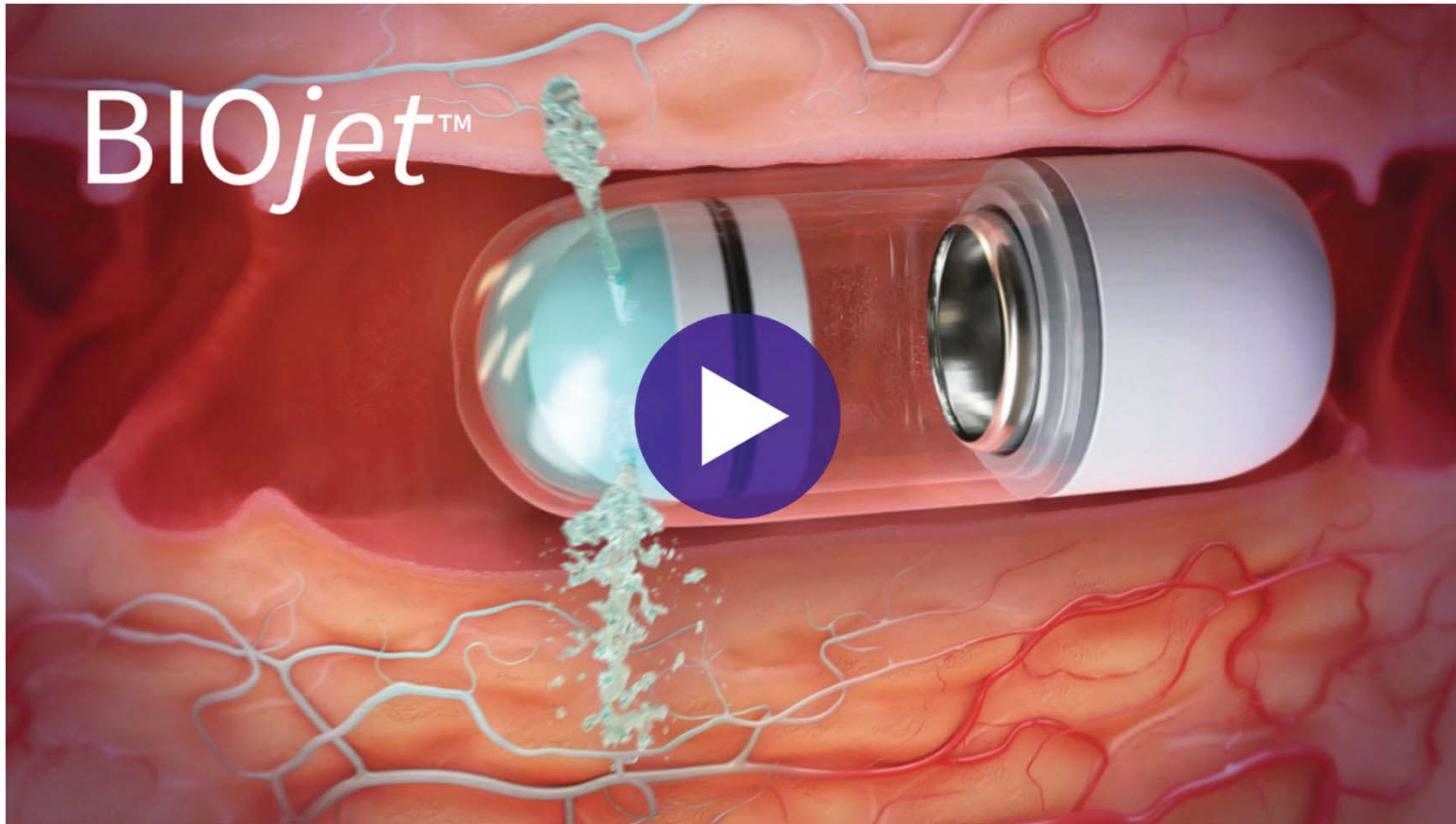




## BIOJET™ SYSTEMIC DRUG DELIVERY PLATFORM

*Liquid jet delivery to the small intestine*

BIOjet™



<https://biora.wistia.com/medias/embr15eh3a>

## PRECLINICAL RESULTS

# Excellent systemic uptake for orally delivered large molecules demonstrated in animals

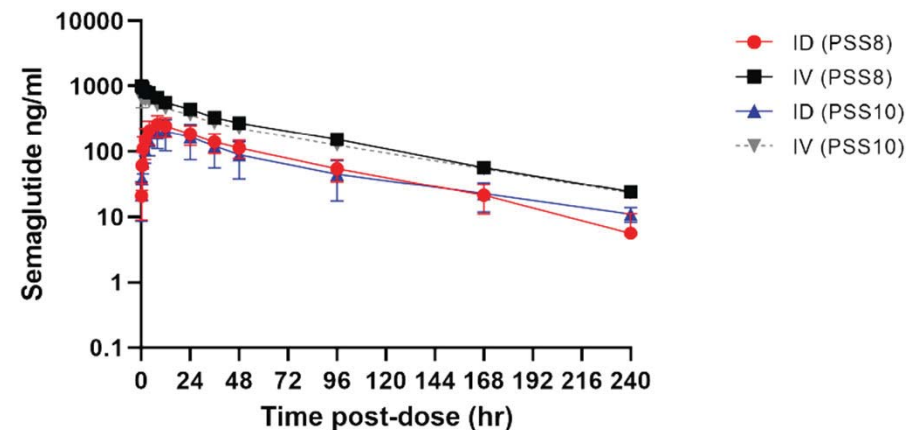


Preclinical studies in swine model with endoscopically placed and triggered next-gen device compared to IV administration of GLP-1 agonist (semaglutide)

### RESULTS

- Average oral bioavailability of  $37\% \pm 15\%$  (N=7; CV:40%), ranging up to 60%<sup>1</sup>
- A repeat study (PSS10) showed similar results with average oral bioavailability of 37% (N=5; CV:57%)<sup>1</sup>
- All dosed animals showed detectable drug levels up to ten days post-dosing<sup>1</sup>
- No significant clinical signs were observed in any of the animals for up to 10 days<sup>1</sup>

**SYSTEMIC EXPOSURE TO SEMAGLUTIDE FOLLOWING INTRADUODENAL ADMINISTRATION OF THE BIOJET DEVICE vs. IV CONTROLS**



1. Lee SN, Stork C, Valenzuela R, et al. Evaluation of the pharmacokinetics of glucagon-like-peptide-1 (GLP-1) receptor agonist delivered through the BioJet™ oral biotherapeutic delivery platform in a porcine model. Poster presented at: American Diabetes Association 83rd Scientific Sessions, June 23-26, 2023, San Diego, California.





## PRECLINICAL RESULTS



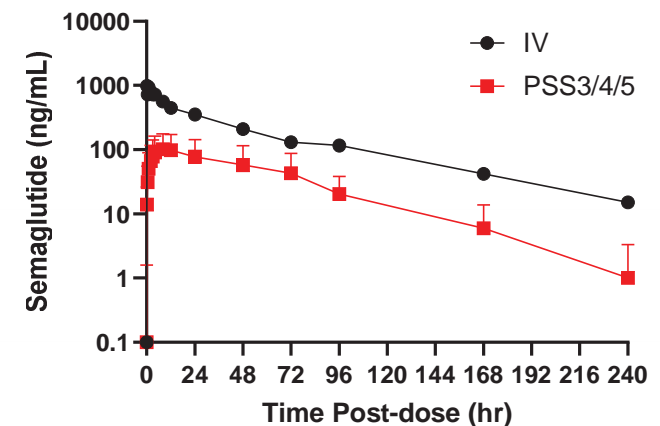
# UPDATE: Recent experiments with next-generation autonomous device confirm consistent performance

Preclinical studies in swine model with endoscopically placed and autonomously triggered next-gen device compared to IV administration of GLP-1 agonist (semaglutide)

### RESULTS

- 96% of animals (22/23) showed semaglutide in systemic circulation at clinically relevant levels<sup>1</sup>
- Oral bioavailability for animals with functional devices averaged 20.5% ± 15.3% (N=22; CV: 74.6%), ranging up to 59%<sup>1</sup>
- No significant clinical signs were observed in any of the animals before or after dosing for up to 10 days<sup>1</sup>

### SYSTEMIC EXPOSURE TO SEMAGLUTIDE FOLLOWING AUTONOMOUS TRIGGERING OF THE BIOJET DEVICE vs. IV CONTROLS



1. Lee SN, Stork C, Valenzuela R, et al. Evaluation of the pharmacokinetics of glucagon-like-peptide-1 (GLP-1) receptor agonist delivered through the BioJet™ oral biotherapeutic delivery platform in a porcine model. Poster presented at: 59th Annual Meeting of the European Association for the Study of Diabetes, October 2-6, 2023, Hamburg, Germany.



## PRECLINICAL RESULTS

# Development pathway for the BioJet™ platform

BIOjet™

Q3/Q4 2022

### Preclinical Models to Assess Performance of BioJet 1

- ≥83% autonomous deployment accuracy of BioJet 1 device in canine model<sup>1</sup>
- 25% bioavailability average in swine with drug detected in blood (variant of adalimumab)<sup>2</sup>

DEVELOPED  
ANIMAL MODELS



Q1 2023

### Delivery of Adalimumab & Semaglutide with Remotely Triggered BioJet 2

- Average bioavailability in swine:
  - 51% for adalimumab<sup>3</sup>
  - 37% for semaglutide<sup>4</sup>
- Performance achieved in repeat animal studies

>2X BIOAVAILABILITY  
TARGET



Q2/Q3 2023

### Improvement of Autonomous Device Function for BioJet 2

- Achieved target average bioavailability of ≥15% with semaglutide<sup>3</sup>
- Achieved device function targets<sup>3</sup>
- Confirmed with repeat animal studies<sup>3</sup>

PERFORMANCE  
TARGETS ACHIEVED



Q3/Q4 2023

### Preclinical Testing of Pharma Collaborators' Molecules with BioJet 2

- Completed preliminary study with Ionis antisense oligonucleotides
- Testing undisclosed molecule with Large Pharma 1 collaborator
- Anticipate additional collaborator developments

ONGOING STUDIES

1. Lee SN, Stork C, Smith J, et al. Development of ex-vivo and in-vivo models to assess the performance of an oral biotherapeutic delivery system (OBDS) device. Poster presented at: *American College of Gastroenterology Annual Scientific Meeting, October 21-26, 2022, Charlotte, North Carolina.*
2. Lee SN, Stork C, Smith J, et al. Evaluation of the pharmacokinetics of PGN-OB1 following oral administration of an oral biotherapeutics delivery system (OBDS) in Yucatan swine. Poster presented at: *American College of Gastroenterology Annual Scientific Meeting, October 21-26, 2022, Charlotte, North Carolina.*
3. Lee SN, Stork C, Valenzuela R, et al. Evaluation of the pharmacokinetics of glucagon-like-peptide-1 (GLP-1) receptor agonist delivered through the BioJet™ oral biotherapeutic delivery platform in a porcine model. Poster presented at: *59th Annual Meeting of the European Association for the Study of Diabetes, October 2-6, 2023, Hamburg, Germany.*
4. Lee SN, Stork C, Valenzuela R, et al. Evaluation of the pharmacokinetics of glucagon-like-peptide-1 (GLP-1) receptor agonist delivered through the BioJet™ oral biotherapeutic delivery platform in a porcine model. Poster presented at: *American Diabetes Association 83rd Scientific Sessions, June 23-26, 2023, San Diego, California.*

*Our mission is to reimagine therapeutic delivery*

Innovating smart capsule technologies to deliver the right dose to the right place, safely



## NAVicap™

TARGETED ORAL DELIVERY

- IND application submitted to FDA
- Planning to initiate phase 1 trial late 2023



## BIOjet™

SYSTEMIC ORAL DELIVERY

- Achieved performance targets with BioJet 2 device
- Performing animal studies with collaborators' molecules

# APPENDIX

## TARGETED THERAPEUTICS PUBLICATIONS

[bioratherapeutics.com/publications](https://bioratherapeutics.com/publications)



1. **Development of targeted therapeutic antibodies for the treatment of inflammatory bowel disease: A proof of concept.** Poster presented at DDW 2019.
2. **A comparison of systemic versus targeted anti-TNF $\alpha$  antibody in treatment of colitis induced by adoptive transfer of CD44-/CD62L+ T-cells into RAG2-/- mice recipients.** Presented at DDW 2019.
3. **Targeted delivery of soluble tofacitinib citrate to the site of inflammation to improve efficacy and safety.** Poster presented at DDW 2021.
4. **Development of a novel drug delivery system for treatment of Ulcerative Colitis.** Poster presented at DDW 2021.
5. **Development of a Novel Drug Delivery System to Deliver Drugs Directly to the Colonic Mucosa, Resulting in Improved Efficacy and Reduced Systemic Exposure for the Treatment of Ulcerative Colitis.** *Crohn's & Colitis* 360. 2021, 3, 1-5.
6. **Tofacitinib tissue exposure correlates with endoscopic outcome.** Oral presentation at DDW 2022 and BWG. Poster presented at ECCO 2022.
7. **Pharmacokinetic stratification of cytokine profiles during anti-TNF induction treatment in moderate-to-severe UC.** Poster presented at ECCO 2022 and DDW 2022.
8. **Pilot study to assess pharmacokinetic and pharmacodynamic markers following enema-dosing with adalimumab in patients with active ulcerative colitis.** Poster presented at ACG 2022.
9. **A scintigraphic study to evaluate the safety, tolerability, and functionality of a Drug Delivery System (DDS) device in healthy volunteers in fasted state.** Poster presented at ACG 2022.
10. **A scintigraphic study to evaluate the localization and delivery function of a Drug Delivery System (DDS) device in patients with active ulcerative colitis (UC) in fasted state.** Poster presented at ACG 2022.
11. **Development of a novel Drug Delivery System (DDS) to deliver drugs directly to the colonic mucosa to improve efficacy and reduce systemic exposure for the treatment of ulcerative colitis (UC).** Poster presented at Crohn's & Colitis Congress 2023.
12. **Potential effects of food on a novel Drug Delivery System (DDS) to deliver therapeutic compound into the colon.** Poster presented at Crohn's & Colitis Congress 2023.

- 1. Development of *ex-vivo* and *in-vivo* models to assess the performance of an oral biotherapeutic delivery system (OBDS) capsule.** Poster presented at the *Controlled Release Society Annual Meeting*, July 13-14, 2022 and at the *American College of Gastroenterology Annual Scientific Meeting*, October 21-26, 2022.
- 2. Assessing the performance of an oral biotherapeutic delivery system (OBDS) using intra-duodenal endoscopy delivery in *Yucatan* minipigs.** Poster presented at the *Controlled Release Society Annual Meeting*, July 13-14, 2022 and at the *American College of Gastroenterology Annual Scientific Meeting*, October 21-26, 2022.
- 3. Development of preclinical models to assess the performance of the oral biotherapeutic delivery system (OBDS) capsule.** Poster presented at the *Parenteral Drug Association Universe of Pre-Filled Syringes and Injection Devices Conference*, October 18-19, 2022.
- 4. Evaluation of the pharmacokinetics of glucagon-like-peptide-1 (GLP-1) receptor agonist delivered through the BioJet™ oral biotherapeutic delivery platform in a porcine model.** Poster presented at the *American Diabetes Association 83rd Scientific Sessions*, June 23-26, 2023.
- 5. Evaluation of the pharmacokinetics of glucagon-like-peptide-1 (GLP-1) receptor agonist delivered through the BioJet™ oral biotherapeutic delivery platform in a porcine model.** Poster presented at the *59th Annual Meeting of the European Association for the Study of Diabetes*, October 2-6, 2023.

## INTELLECTUAL PROPERTY PORTFOLIO

### *Diverse patent portfolio with 73 distinct patent families*

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Approximately 190 granted patents and 136 pending applications in major countries and regions around the world

#### **NaviCap™ Platform**

##### ***30 patent families covering:***

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- Device designs, materials, components, and manufacturing
- Localization in the GI tract
- Dosing and PK/PD profiles
- Liquid drug formulations
- IBD-specific drug combinations

#### **BioJet™ Platform**

##### ***7 patent families covering:***

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- Device designs, materials, components, and manufacturing
- GI-specific trigger compositions
- Dosing and PK/PD profiles
- Jet parameters
- GI delivery by drug class and drug size

#### **Other Device & Diagnostic IP**

##### ***36 patent families covering:***

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- Ingestible devices for GI sampling and diagnostics
- GI sample preservation
- GI analyte detection & quantification
- Diagnostic biomarkers & assays



