

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

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16  
UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of September 2022

Commission File Number: 001-40086

**Portage Biotech Inc.**

(Translation of registrant's name into English)

**N/A**

(Translation of registrant's name into English)

**British Virgin Islands**

(Jurisdiction of incorporation or organization)

**Clarence Thomas Building, P.O. Box 4649, Road Town, Tortola, British Virgin Islands, VG1110**

(Address of principal executive offices)

**c/o Portage Development Services Inc., Ian Walters, 203.221.7378**

**61 Wilton Road, Westport, Connecticut 06880**

(Name, telephone, e-mail and/or facsimile number and Address of Company Contact Person)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:  Form 20-F  Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

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**Exhibits**

The following Exhibit is filed with this report:

Exhibit	Description
<a href="#">99.1</a>	<a href="#">Corporate Presentation</a>

**SIGNATURE**

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

Date: September 14, 2022

Portage Biotech, Inc.

By: /s/ Allan Shaw  
Name: Allan Shaw  
Title: Chief Financial Officer



Corporate Presentation

Nasdaq: PRTG  
September 2022





## Legal Disclaimer

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### Forward-Looking Information

This presentation contains "forward-looking statements" that involve risks and uncertainties. Our actual results could differ materially from those discussed in the forward-looking statements. The statements contained in this presentation that are not purely historical are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, or the "Securities Act," and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. Forward-looking statements are often identified by the use of words such as, but not limited to, "anticipate," "believe," "can," "continue," "could," "estimate," "expect," "intend," "may," "plan," "project," "seek," "should," "strategy," "target," "will," "would" and similar expressions or variations intended to identify forward-looking statements. These statements are based on the beliefs and assumptions of our management based on information currently available to management. Such forward-looking statements are subject to risks, uncertainties and other important factors that could cause actual results and the timing of certain events to differ materially from future results expressed or implied by such forward-looking statements. Factors that could cause or contribute to such differences include, but are not limited to, those discussed in our reports filed with the Securities and Exchange Commission from time to time. Except as required by law, we undertake no obligation to update any forward-looking statements to reflect events or circumstances after the date of such statements.

No representation or warranty, express or implied, is or will be given by Portage Biotech Inc. (the "Company") or any of its affiliates, directors officers, employees or advisers or any other person as to the accuracy or completeness of the information in this presentation, and no responsibility or liability whatsoever is accepted for the accuracy or sufficiency of this presentation or for any errors, omissions, misstatements, negligent or otherwise, contained herein.

A shelf registration statement on Form F-3 relating to the public offering of the Company's common stock was declared effective by the Securities and Exchange Commission on March 8, 2021. Before you invest, you should read the prospectus in the registration statement and related preliminary prospectus supplement that the Company will file with the Securities and Exchange Commission for more complete information about the Company and the offering. An electronic copy of the preliminary prospectus supplement and accompanying prospectus relating to the offering will be available on the website of the Securities and Exchange Commission at [www.sec.gov](http://www.sec.gov).



**Veteran Team from BMS, with 10 Oncology Approvals and Multiple Billion \$ Exits**

**I/O Company with 4 First/Best in Class Small Molecules in the Clinic**

**Nine Phase 1b/2 Data Catalysts in Eight Tumor Types Over Next 18-24 Months**

**Cash Runway for Current Programs Potentially Extended into 2024**



# Proven Leadership with Oncology and Financing Expertise

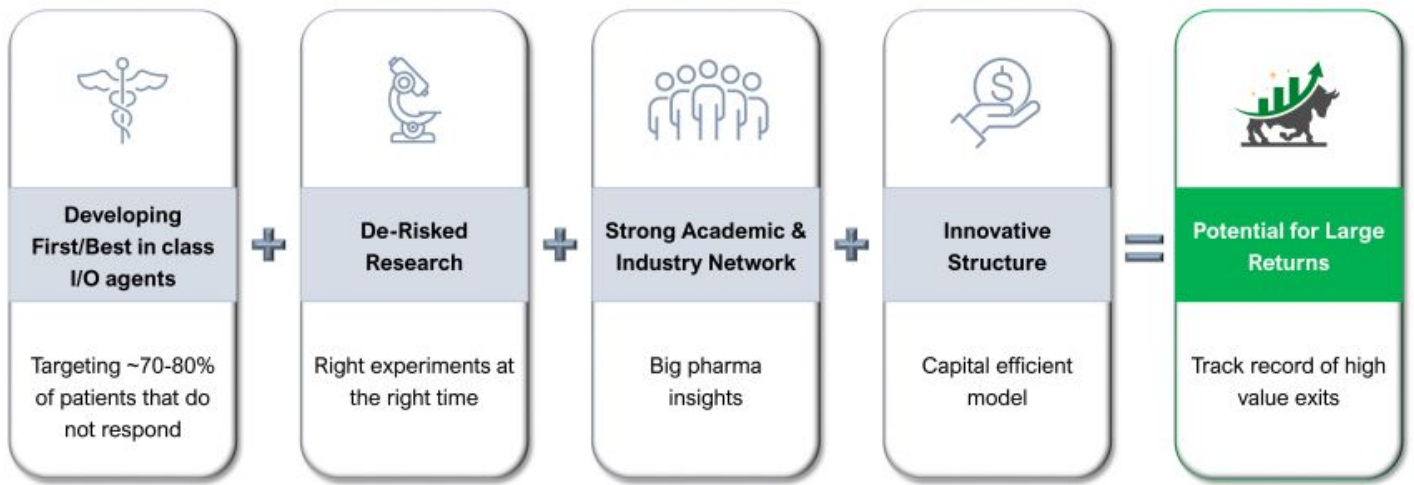
 <p><b>Ian Walters, MD</b> CEO, Chairman</p> <p>Bristol Myers Squibb MILLENNIUM WILLIAMS &amp; WILSON THE ROCKEFELLER UNIVERSITY</p>	 <p><b>Rob Kramer, PhD</b> CSO</p> <p>Bristol Myers Squibb Johnson &amp; Johnson HARVARD MEDICAL SCHOOL</p>	 <p><b>Steve Innaimo</b> VP PM &amp; Operations</p> <p>Bristol Myers Squibb COVANCE</p>	 <p><b>Justin Fairchild</b> VP Clin Dev</p> <p>Bristol Myers Squibb PARKER INSTITUTE FOR CANCER IMMUNOTHERAPY</p>	 <p><b>Brian Wiley</b> CBO</p> <p>NewLink GENETICS Celastrol MILLENNIUM Gloucester PHARMACEUTICALS Aventis</p>	 <p><b>Allan Shaw</b> CFO</p> <p>Syndax serono SEARCH &amp; SEIZURE</p>
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## Board of Directors

<p><b>Gregory Bailey, MD</b></p> <p>MEDIVATION biohaven</p>	<p><b>Rob Glassman, MD</b></p> <p>CREDIT SUISSE OrbiMed</p>	<p><b>Linda M. Kozick</b></p> <p>Bristol Myers Squibb</p>	<p><b>Jim Mellon</b></p> <p>JUVENESCENCE AGRONOMICS</p>	<p><b>Steven Mintz</b></p> <p>St. Germain Capital Corp POUNDER VENTURE CAPITAL CORP.</p>	<p><b>Mark Simon</b></p> <p>TORREYA citigroup ROBERTSON STEPHENS</p>
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**>10 Oncology Approvals, Several Billion \$ Exits**

# Our Formula for Success





**Implement strategies to avoid late-stage clinical failure**

**Look** for broad targets

**Only** test agents with single agent activity

**Test** non-overlapping MOA's

**Do** randomized studies early

**Enrich** patient population when possible

**Create competitive tension in a commoditized field**

**\$70B** IO market expected to grow in next 5 years

**Engage** regularly with companies likely to transact

**Pre-vet** all development programs

**Partner** with companies

**Retain** exclusivity





iNKT and Adenosine modulate multiple components of the immune system to produce a durable response

Drug Class	Adaptive Immune System	Tumor Microenvironment	Innate Immune System	Direct Tumor	Checkpoint
<b>iNKT agonists</b>	DC, B, & T-cells	MDSC, M $\phi$ PMN	NK	In CD1d + cells	Combine with approved PD-1
<b>Adenosine compounds</b>	DC & T-cells	MDSC, M $\phi$ , Treg, PMN	NK	Decreased proliferation and metastasis	Combine with approved CPI
IDO	T-cells				Combine with approved PD-1
Bempeg IL-2	T-cells				Combine with approved PD-1

**Broad targets are more likely to have single agent activity and offer greater clinical benefit**



## Nine Near Term Phase 1b/2 Data Catalysts

	PLATFORM	TECHNOLOGY	ASSET	INDICATION	STAGE	# of PTS
iNKT Platform	PORT-2	iNKT Agonists Liposomal Formulations	IMM60	Melanoma + NSCLC	Phase 1	18
	① PORT-2	iNKT Agonists Liposomal Formulations	IMM60	Refractory Melanoma	Phase 2	10
	② PORT-2	iNKT Agonists Liposomal Formulations	IMM60 + Keytruda®	Front line PD-L1 + NSCLC	Phase 2	30
	③ PORT-2	iNKT Agonists Liposomal Formulations	IMM60 + Keytruda®	PD-L1 – NSCLC 2 <sup>nd</sup> /3 <sup>rd</sup> line	Phase 2	10
	④ PORT-2	iNKT Agonists Liposomal Formulations	IMM60 + Keytruda®	PD-L1 + NSCLC 2 <sup>nd</sup> line	Phase 2	15

	PLATFORM	TECHNOLOGY	ASSET	INDICATION	STAGE	# of PTS
Adenosine Platform	PORT-6 PORT-7	A2AR Inhibitor A2BR Inhibitor	TT-10 TT-4	A2A and A2B exp Solid Tumors	Phase 1a	21-27
	⑤ PORT-7	A2BR Inhibitor	TT-4	A2B exp Solid Tumors	Phase 1b	20
	⑥ PORT-6	A2AR Inhibitor	TT-10	A2A exp Solid Tumors	Phase 1b	20
	⑦ PORT-6 combo	A2AR Inhibitor	TT-10 + CPI	A2A exp Solid Tumors	Phase 1b	20
	⑧ PORT-7 combo	A2BR Inhibitor	TT-4 + CPI	A2B exp Solid Tumors	Phase 1b	20
	⑨ PORT 6/7 combo	A2AR Inhibitor A2BR Inhibitor	TT-10 TT-4 + CPI	BM enriched	Phase 1b	20

# iNKT agonists

*PORT-2, PORT-3*

Activating the innate,  
adaptive immune system  
and correcting the TME



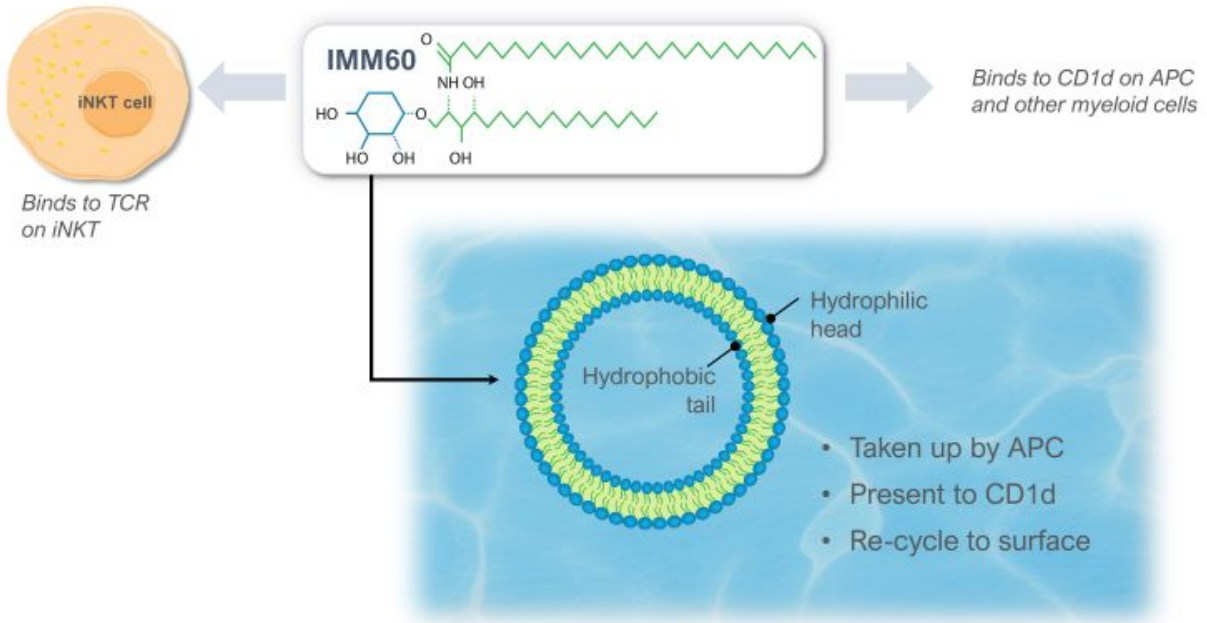
UNIVERSITY OF  
OXFORD



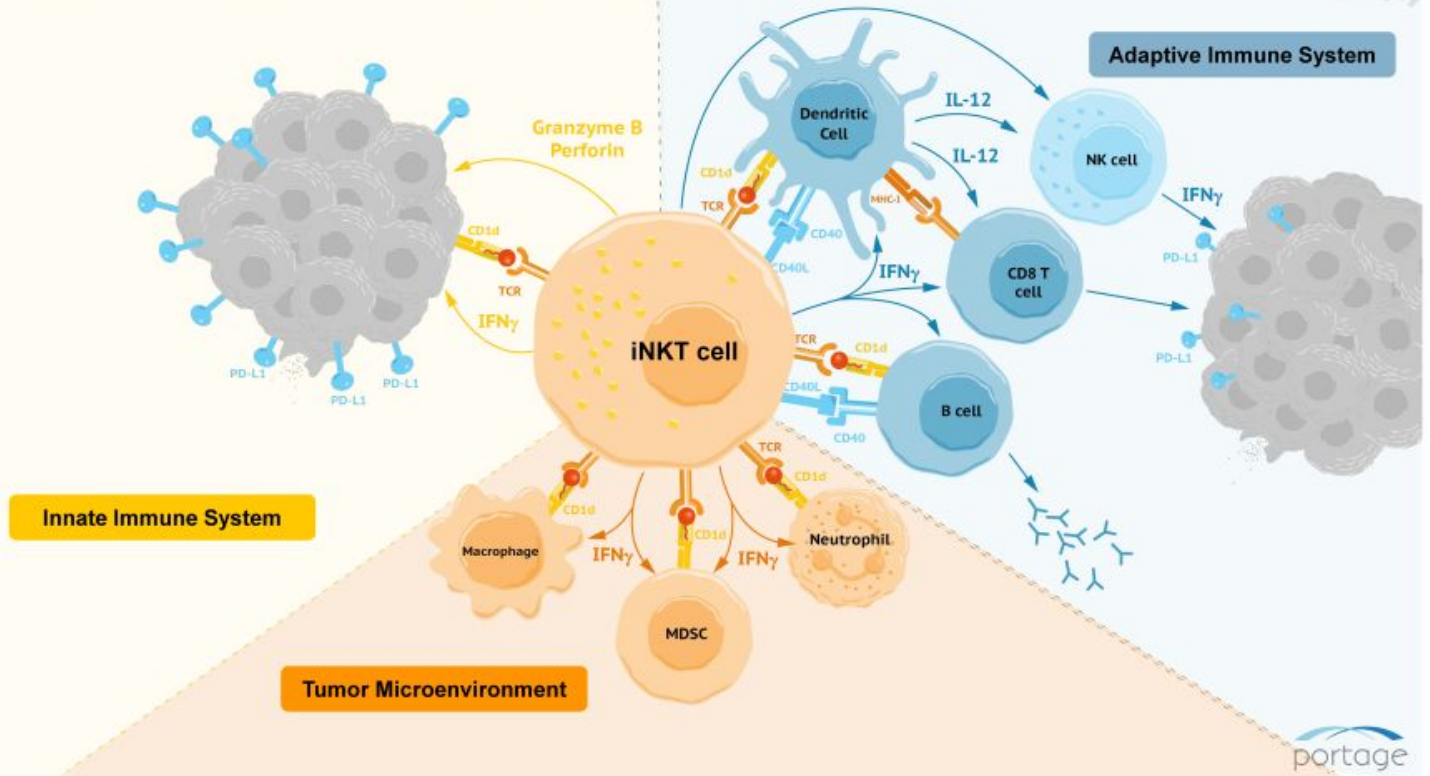


# PORT-2 is a Rationally Designed Liposome Containing IMM60

Put in charged liposome to protect lipid chain and promote Type 1 cytokine release

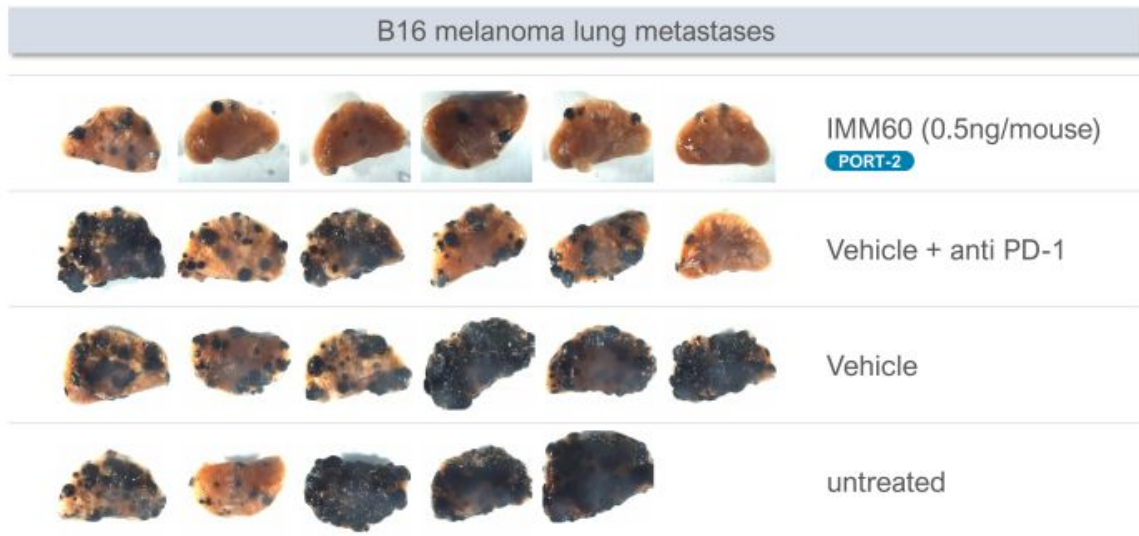


# Portage's iNKT agonist (PORT-2) Stimulates Multiple Arms of the Immune System

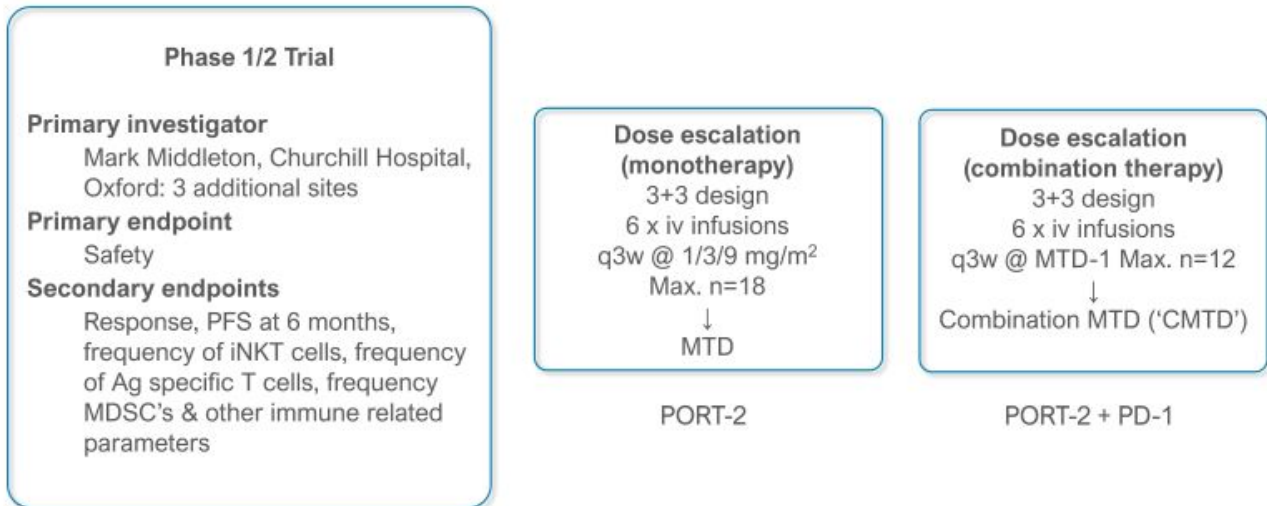




# PORT-2 (IMM60) Demonstrates Superior Response Versus PD-1 Antibody



PORT-2 shows **better** response rates vs anti-PD-1 in melanoma animals



**Phase 1 in refractory melanoma and NSCLC**

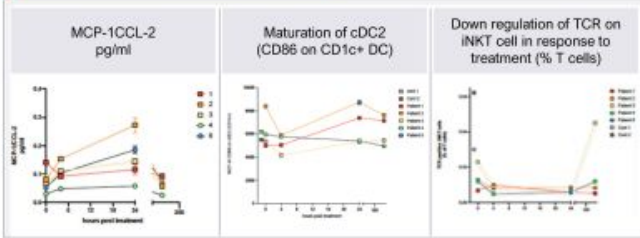


# ASCO 2022, Interim Data Confirms PORT-2 MOA and Shows Good Safety

<b>Tumor type</b>	2 Melanoma 3 NSCLC
<b>Age</b>	64 (41,79)
<b>Median prior therapies</b>	5(3,7)
<b>Prior PD-1</b>	100%
<b>Performance status</b>	40% ECOG 0 60% ECOG 1

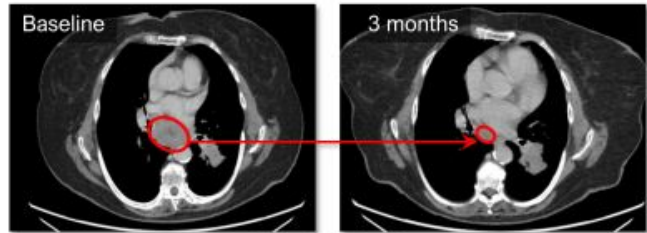
## Exposure/Safety:

- 21 infusions administered to 5 patients [median 4 per patient (3,5)]
- No SAEs, no DLTs were observed
- All patients report one or more grade 1 or 2 AE's that were deemed at least possibly related: pain, fatigue, edema, dizziness, weight loss, nausea, vomiting, itching, weakness, pleural effusion, hypertension, and hair loss
- Best response by RECIST was PD in all 3 patients at 1mg/m<sup>2</sup> dose. One of 2 patients treated at 3mg/m<sup>2</sup> had mixed response (melanoma patient previously failed anti-PD-1 and targeted therapy), see images below.



- MCP-1 and IP-10 showed increases in most subjects, no increases in IL-6, IL-4 and IL-10
- iNKT's down regulate their TCR when the agonist binds to the receptor, Indicates activation of the iNKT. Tends to return to baseline at 1 week
- 3 out of 4 patients had increased number of NK cells
- Increase in CD69 activation marker on NK cells, increased CD86 on dendritic cells (DC)

## Evidence of monotherapy activity

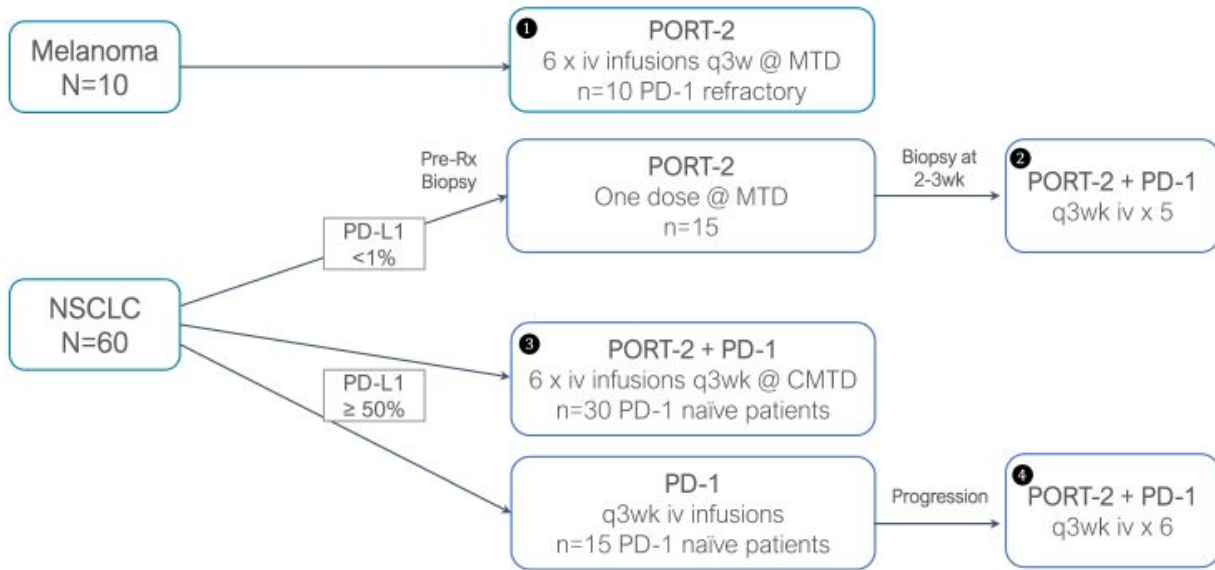


**Mediastinal Lesion**  
Decreased. **4cm to 1.9cm**





# IMPORT-201: Phase 2 Evaluates Front Line NSCLC and Refractory Melanoma



**Multi-arm study with four Phase 2 readouts in 2023/2024**



## Adenosine Portfolio

Unique position to modulate Adenosine in 4 different ways

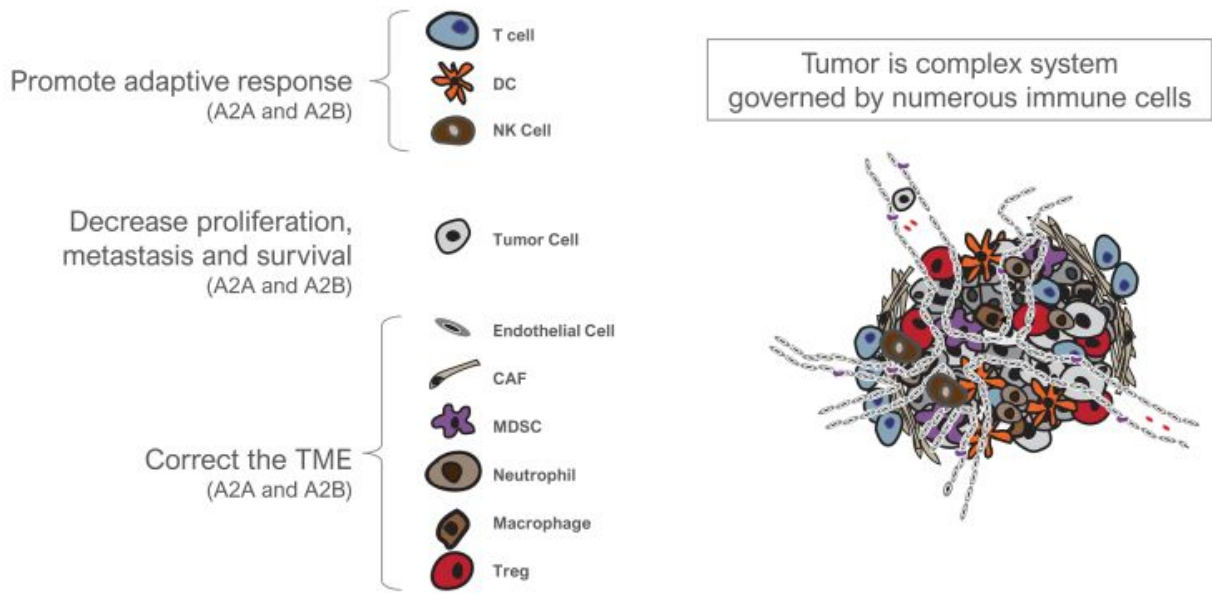
**PORT-6** A2AR Inhibitor

**PORT-7** A2BR Inhibitor

**PORT-8** A2AR/A2BR Dual Inhibitor

**PORT-9** Gut-restricted A2BR Inhibitor

# Leveraging A2A and A2B Alone or in Combo Allows for Customization of Treatment





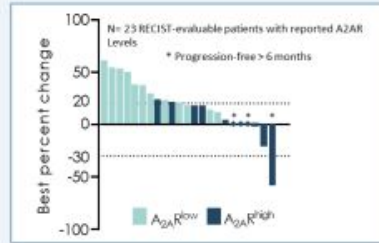
# Fast Follower with Superior Profile Enables Best in Class Development

A2A (TKI's from iTeos, Corvus, Arcus, AZ, BMS, Merck, Schering Plough and more):

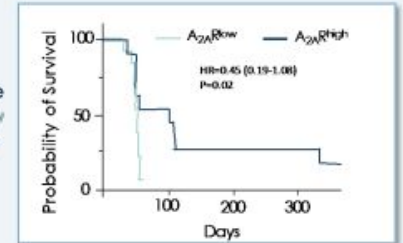
- iTeos monotherapy activity demonstrated only at high doses and with BID administration (more durable blockade)<sup>1</sup>
  - 17% ORR at 80mg BID (RP2 dose)
  - Other agents with limited response in PC,RCC, NSCLC, H&N, CRC
- CNS/CV toxicity limits dose (felt due to hitting A1)<sup>1</sup>
- Biomarker selection possible (gene expression vs IHC)<sup>2</sup>

Tumor type	% A2A high*
RCC	50
BC	38
NSCLC	34
Gastric	32
Prostate	26

Best %  
Change in  
Tumor Lesion  
by High/Low  
A<sub>2A</sub>R levels



Survival curve  
by High/Low  
A<sub>2A</sub>R levels



**Portage Strategy is to utilize more potent, selective and durable inhibition in selected population**

1. ASCO 2021  
2. AACR 2021/2022  
\* Expression data from Labcorp

# PORT-6: Best-in-Class A2A - More Selective, More Potent, & More Durable



Key Parameters		PORT-6 Portage <sup>1</sup>	EOS-850 iTeos <sup>2</sup>	CPI-444 Corvus <sup>3</sup>	AB928 Arcus <sup>4</sup>	Significance
Potency (cAMP functional inhibition of A2AR)	IC50	<b>0.40 nM</b>	2.24 nM	17.03 nM	--	PORT-6 is >5x more potent than next best IC50
	Ki	<b>0.065 nM</b>	--	--	1.4 nM	Port-6 22x more potent than Arcus on Ki measure
Selectivity against A1 Receptor (Safety)		<b>&gt;150,000x</b>	270x	54x	43x	A1R associated with CNS and CV toxicity
Receptor Occupancy		<b>10+ hours</b>	2.5 hours	0.3 hours	--	Prolonged PD effect: Key attribute given high concentrations of adenosine in TME
Tumor Concentration		<b>10x vs plasma</b>	--	--	1.6x vs plasma	High concentration in tumor tissue required for effective antagonism of tumor expressed receptors
Single Agent Efficacy (% Tumor Reduction)		<b>54% (p&lt;0.05)</b> CT26 Colon Cancer	<10% (p=ns) CT26 Colon Cancer	<10% (p=ns) CT26 Colon Cancer	~20% B16f10 Melanoma	Competing compounds only show effect in combination with other agents

1 Data on File  
 2 AACR 2019  
 3 Cancer Immunology Research 2018  
 4 ASCO GU 2020, SITC 2018



Functional Receptor Antagonism			Binding Affinity		
Receptor	Ki (nm)	Selectivity	Receptor	Ki (nm)	Selectivity
A2B	9	1	A2B	13	1
A1	>30,000	>3000x	A1	300	23x
A2A	>10,000	>1000x	A2A	1,800	138x
A3	>30,000	>3000x	A3	60,000	>4,000x

High potency and selectivity may provide important safety and efficacy advantages

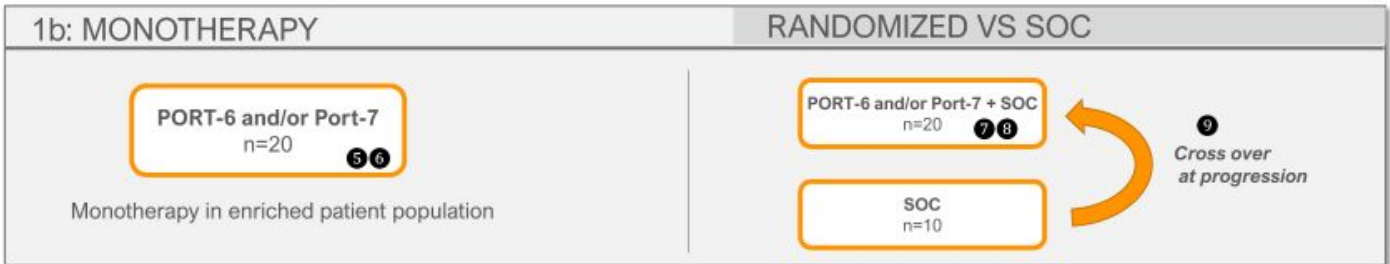
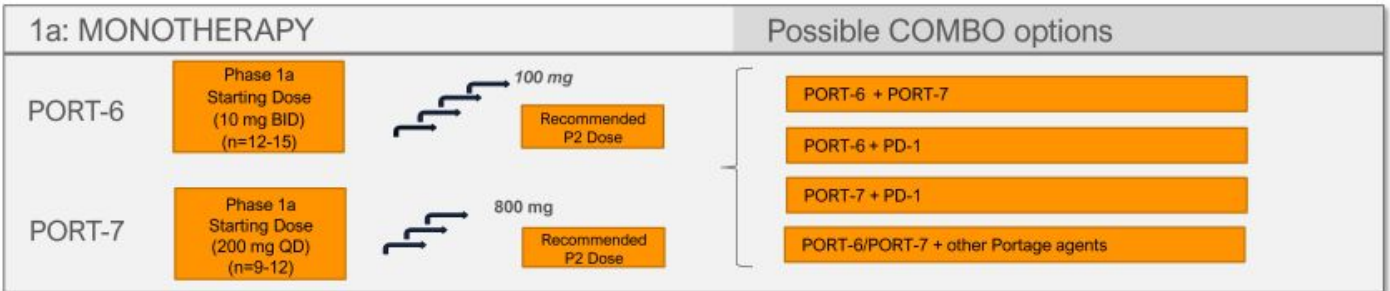
- Activity in 4T1, CT26, and other disease models (Asthma, fibrosis, sickle cell)
- IND approved for pro-drug



# ADPORT-601: Adaptive Phase 1a/1b Study

A2AR (PORT-6) indications: Prostate Cancer, Non-small Cell Lung Cancer, Head & Neck Cancer, Renal Cell Cancer with high A2A expression

A2BR (PORT-7) indications: Colorectal Cancer, Non-small Cell Lung Cancer, Endometrial Cancer, Ovarian Cancer with high A2B expression





## Strong U.S. and Global IP Positions on Platforms and Products

### Broad and deep intellectual property covering:

#### iNKT Agonists

- Formulations with antigens, other I/O agents
- Liposomes/particles

#### Adenosine Inhibitors

- Composition of matter patents
- Use patents filed

#### Nanolipogel & DNA Aptamers

- Optimized co-delivery platforms
- New IP for aptamers
- Composition patents for products

#### VLP Delivery Platform

- First-in-class systemic STING agonist

Many Applications  
Pending Worldwide

**>60**  
Issued Patents

**2031-2036**  
Patent Exclusivity



## Summary Financial Data

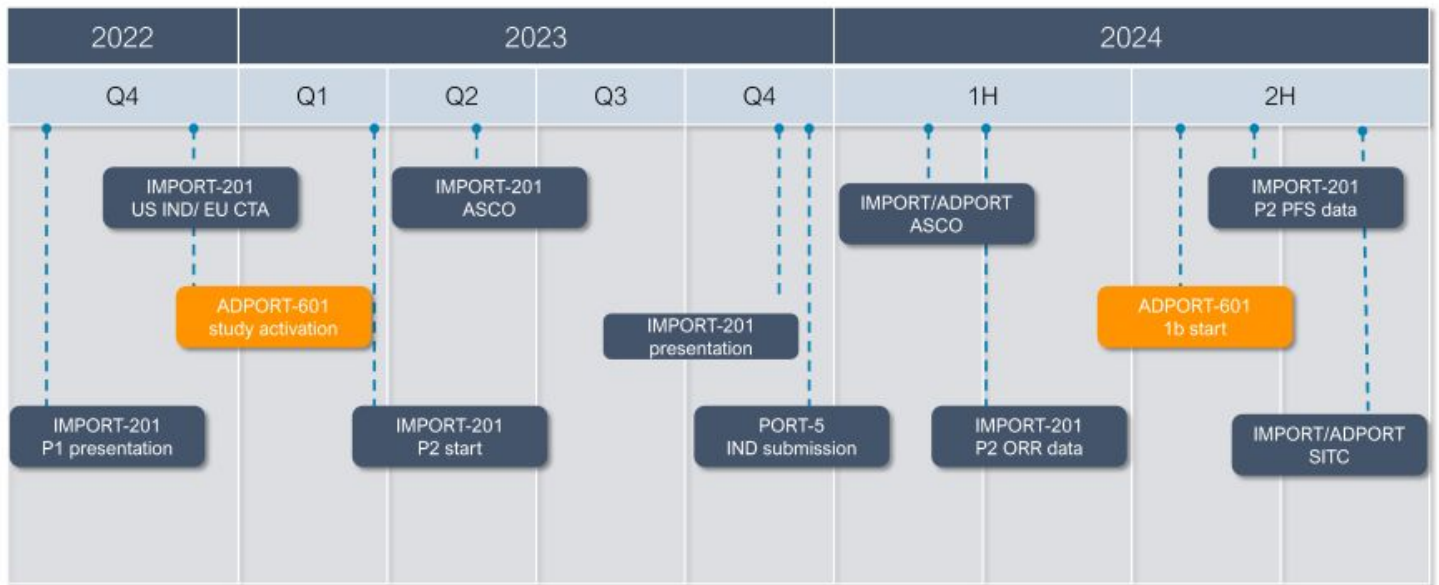


Cash Balance (06/30/22)	~\$21.2 million
Committed Purchase Lincoln Park Capital	\$30 million
Debt	\$-
Shares Outstanding (08/31/22)	16,943,672
Insider Ownership	52%
Public Float*	48%
Options & RSUs Outstanding (08/31/22)	1,217,300
Warrants Outstanding (08/31/22)	33,888
Net Loss (Quarter Ended 06/30/22)	\$(1.6 million)
Expected Quarterly Burn in 2023	~\$5 million

\* Includes ~3.5M Shares subject to lock-up agreements (6-12 mo) in recent 2 stock transactions



# Key Upcoming Clinical Development Milestones\*



\* At conferences we will present multiple arms & tumor types



## Novel, Clinical Stage I/O Portfolio with Small Molecule Focus

- Manufacturing simplicity, low capital investment
- Nine phase 1b/2 clinical data reads over next 2 years



## Engine for Efficient Drug Development & Commercialization

- Expert scientific oversight
- Lean structure with good cash runway



## Preferred Partner for Pharma in I/O

- Deep industry network facilitates engagement with big pharma and biotech
- Packaged for commercialization/acquisition



## Expert Leadership with Track Record of Success

- Proven success, more than 10 oncology approvals
- Formation of Biohaven Pharmaceuticals, sale to Pfizer