

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

**FORM 8-K  
CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of the  
Securities Exchange Act of 1934**

Date of report (Date of earliest event reported): **June 6, 2022**

**Verastem, Inc.**

(Exact Name of Registrant as Specified in Charter)

<b>Delaware</b> (State or Other Jurisdiction of Incorporation)	<b>001-35403</b> (Commission File Number)	<b>27-3269467</b> (IRS Employer Identification No.)
<b>117 Kendrick Street, Suite 500, Needham, MA</b> (Address of Principal Executive Offices)		<b>02494</b> (Zip Code)

Registrant's telephone number, including area code: **(781) 292-4200**

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common stock, \$0.0001 par value per share	VSTM	The Nasdaq Global Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.



**Item 7.01. Regulation FD Disclosure**

On June 6, 2022, Verastem, Inc. (the “Company”) posted its corporate presentation on its website, a copy of which is furnished hereto as Exhibit 99.1 to this Current Report on Form 8-K.

**Item 8.01. Other Events**

On June 6, 2022, the Company issued a press release announcing an update from an interim analysis of its international phase 2 RAMP 201 trial evaluating VS-6766 ± defactinib in recurrent low-grade serous ovarian cancer, regardless of KRAS status. A copy of the press release is furnished as Exhibit 99.2 to this Current Report on Form 8-K.

**Item 9.01. Financial Statements and Exhibits**

<b>Exhibit No.</b>	<b>Description</b>
99.1	<a href="#">Corporate Presentation, dated June 6, 2022</a>
99.2	<a href="#">Press release, issued by Verastem, Inc. on June 6, 2022</a>
104	Cover Page Interactive Data File (formatted in Inline XBRL and contained in Exhibit 101)

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**SIGNATURES**

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 hereunto duly authorized.

**VERASTEM, INC.**

Dated: June 6, 2022

By: /s/ Brian M. Stuglik

Brian M. Stuglik

*Chief Executive Officer*

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# Corporate Presentation

June 2022





## Safe Harbor Statement

This presentation includes forward-looking statements about, among other things, Verastem Oncology's programs and product candidates, including anticipated regulatory submissions, approvals, performance and potential benefits of Verastem Oncology's product candidates, that are subject to substantial risks and uncertainties that could cause actual results to differ materially from those expressed or implied by such statements. Applicable risks and uncertainties include the risks and uncertainties, among other things, regarding: the success in the development and potential commercialization of our product candidates, including defactinib and other compounds in combination with VS-6766; the occurrence of adverse safety events and/or unexpected concerns that may arise from additional data or analysis or result in unmanageable safety profiles as compared to their levels of efficacy; or our ability to obtain, maintain and enforce patent and other intellectual property protection for our product candidates.

Other risks and uncertainties include those identified under the heading "Risk Factors" in the Company's Annual Report on Form 10-K for the year ended December 31, 2021, as filed with the Securities and Exchange Commission (SEC) on March 28, 2022, and in any subsequent filings with the SEC, which are available at [www.sec.gov](http://www.sec.gov) and [www.verastem.com](http://www.verastem.com).

The forward-looking statements in this presentation speak only as of the original date of this presentation, and we undertake no obligation to update or revise any of these statements.

# Verastem Oncology

## Well Positioned to Capitalize on Growth Opportunities

We are a biopharmaceutical company committed to developing and commercializing new medicines for patients battling cancer

### Lead clinical program has best-in-class potential

VS-6766 (RAF/MEKi) and defactinib (FAKi) are clinically active against RAS mutant cancers

### Rapid development paths to market

**FDA Breakthrough Therapy Designation in LGSOC;** Supported by clinical results (FRAME study) achieved in low-grade serous ovarian cancer (LGSOC), strong signal in KRAS G12V mutant NSCLC; registration-directed trials initiated in 4Q 2020

### Significant downstream market opportunity and blockbuster potential

**30% of all human cancers are driven by mutations in RAS;** VS-6766 combinations potentially broadly applicable across a variety of tumor types.

**Clinical collaborations with Amgen & Mirati** evaluating the combinations of VS-6766 with sotorasib & adagrasib, respectively, in KRAS G12C mutant NSCLC supported by strong pre-clinical rationale  
**Multiple clinical opportunities** within NSCLC and other tumor areas based on preclinical data

### Strong balance sheet

Up to \$150 million of non-dilutive funding available from new credit facility

Cash balance of \$106.3 million as of March 31, 2022

Company ended Quarter 1 2022 with \$18 million non-GAAP operating expenses

Cash position, credit facility and expected COPIKTRA milestones extend expected cash runway through 2025 to support continued development and potential commercial launches

\* Q1 2022 GAAP operating expenses - \$19.6M minus Q1 2022 stock compensation - \$1.6M = \$18.0M Q1 2022 non-GAAP operating expenses

# Key VSTM Milestones 2021-2022

	1H2021	2H2021	1Q2022	2Q2022	2H2022
<b>LGSOC</b>	<ul style="list-style-type: none"> <li>✓ RAMP-201 Amended to Include KRAS wt patients in Selection Phase</li> <li>✓ FDA Breakthrough Therapy Designation</li> </ul>	<ul style="list-style-type: none"> <li>✓ Updated data from FRAME LGSOC cohort Presenting at ESMO</li> </ul>	<ul style="list-style-type: none"> <li>✓ RAMP-201 Target enrollment of Selection Phase Complete</li> <li>Initiated enrollment of Expansion Phase</li> </ul>	<ul style="list-style-type: none"> <li>✓ RAMP-201 Selection Phase Update*</li> <li>✓ Translational data from FRAME LGSOC cohort presented at AACR</li> </ul>	<ul style="list-style-type: none"> <li>RAMP-201 Complete enrollment of Expansion Phase</li> </ul>
<b>NSCLC</b>	<ul style="list-style-type: none"> <li>✓ Updated data from FRAME NSCLC cohort Presented at AACR</li> </ul>	<ul style="list-style-type: none"> <li>✓ VS-6766 + Adagrasib Collaboration w/Mirati</li> <li>✓ VS-6766 + Sotorasib Collaboration w/Amgen</li> </ul>	<ul style="list-style-type: none"> <li>✓ RAMP-202 Complete enrollment of Selection Phase</li> <li>Initiate RAMP-203 (VS-6766 + sotorasib) in KRAS G12C (Amgen)</li> </ul>	<ul style="list-style-type: none"> <li>Initiate RAMP-204 (VS-6766 + adagrasib) in KRAS G12C (Mirati)</li> <li>✓ Top-Line Data from VS-6766 + everolimus in KRAS mt</li> </ul>	<ul style="list-style-type: none"> <li>Top-Line Data from RAMP-202 Selection Phase</li> <li>Initial readout of RAMP 203 data</li> <li>Initiate combo study of VS-6766 + abemaciclib and fulvestrant in ER+ breast cancer</li> </ul>
<b>Additional Indications*</b>				<ul style="list-style-type: none"> <li>Initiate combo study of VS-6766 + cetuximab in KRAS mt CRC</li> </ul>	<ul style="list-style-type: none"> <li>Initiate basket trial of VS-6766 + defactinib in RAS pathway-driven gynecological cancers</li> </ul>



\*Next RAMP-201 update expected to be provided once go-forward treatment regimen determined, timing of which will be driven by data maturity  
 \*\*Investigator-sponsored research



VS-6766 RAF/MEK Clamp Program  
Overview

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## VS-6766 is a differentiated, potentially best-in-class asset applicable across multiple patient populations

- Unique dual RAF/MEK targeting mechanism of action
- Novel intermittent dosing schedule; convenient oral regimen
- Breakthrough Therapy Designation in recurrent low-grade serous ovarian cancer
- Potential best-in-class safety & tolerability profile relative to marketed MEK inhibitors, with potential for combinability with agents from multiple target classes
- Promising signals of clinical activity in various RAS-driven cancers, including in patients whose tumors previously progressed on other MEK inhibitors
- Preclinical anti-proliferative activity across multiple MAPK pathway alterations (e.g. KRAS, NRAS, BRAF, NFI mt) and multiple solid tumor indications
- Strong preclinical combination data with other agents targeting RAS pathway and parallel pathways

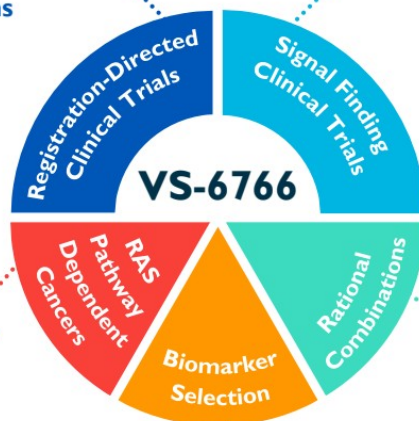


# High Priority Lead Indications with Multiple Growth Opportunities

## High Priority Registration Indications

Registration-Directed Trials Initiated in 4Q20

- LGSOC<sup>1,2</sup> (RAMP 201)
- KRAS G12V mt NSCLC<sup>1,2</sup> (RAMP 202)



## Key Signal Finding

- VS-6766 + G12Ci KRAS G12C mt NSCLC<sup>2</sup> (RAMP 203-sotorasib) & (RAMP 204-adagrasib)
- KRAS non-G12V<sup>1,2</sup> mt NSCLC (RAMP 202)
- BRAF mt NSCLC<sup>1,2</sup> (RAMP 202)
- Pancreatic<sup>2</sup> (10 pt cohort initiated)
- KRAS mt endometrioid<sup>1</sup> (10 pts initiated)
- Uveal Melanoma<sup>2</sup> (IST initiated)
- VS-6766 + Everolimus KRAS mt NSCLC<sup>1,2</sup>

## RAS Pathway Dependent Cancers

- Gynecological<sup>1,2</sup>
- NSCLC<sup>1,2</sup>
- Colorectal<sup>1,2</sup>
- Melanoma<sup>1,2</sup>
- Pancreatic<sup>2</sup>

## Biomarker Selection

- KRAS mt<sup>1,2</sup>
- BRAF mt (V600 & non-V600)<sup>1,2</sup>
- NRAS mt<sup>1,2</sup>
- CRAF mt/fusions<sup>2</sup>

## Rational Combinations

- G12Ci<sup>1,2</sup>
- Anti-EGFR<sup>2</sup>
- CDK4/6 inhibitor<sup>2</sup>
- Everolimus<sup>1,2</sup>
- SOS1 or SHP2 inhibitor<sup>2</sup>
- Anti-PD-1<sup>1,2</sup>



<sup>1</sup> Supported by clinical data

<sup>2</sup> Supported by preclinical data

# Robust Clinical Program Targeting the RAS Pathway in Gynecologic Oncology & Non-Small Cell Lung Cancer

INDICATION	REGIMEN	STUDY NAME	PRECLINICAL	PHASE 1	PHASE 2	PHASE 3	CLINICAL COLLABORATION WITH
LGSOC <sup>1,2</sup>	VS-6766 +/- defactinib	RAMP 201					
R/R LGSOC <sup>4</sup>	VS-6766 + defactinib	FRAME					
R/R endometrioid cancer (KRAS mt) <sup>4</sup>	VS-6766 + defactinib	FRAME					
Gynecological cancers (RAS Pathway-driven) <sup>4</sup>	VS-6766 + defactinib	IST					
Mesonephric <sup>4</sup>	VS-6766 + defactinib	IST					
R/R NSCLC (KRAS G12V mt) <sup>2</sup>	VS-6766 +/- defactinib	RAMP 202					
R/R NSCLC (KRAS non-G12V mt)	VS-6766 + defactinib	RAMP 202					
R/R NSCLC (BRAF mt)	VS-6766 + defactinib	RAMP 202					
R/R NSCLC (KRAS G12C mt)	VS-6766 + sotorasib	RAMP 203					
R/R NSCLC (KRAS G12C mt) <sup>3</sup>	VS-6766 + adagrasib	RAMP 204					
R/R NSCLC (KRAS mt)	VS-6766 + everolimus (mTORi)	IST					
R/R NSCLC (KRAS mt) <sup>4</sup>	VS-6766 + defactinib	FRAME					



<sup>1</sup> FDA Breakthrough Therapy Designation

<sup>2</sup> Registration-directed trial

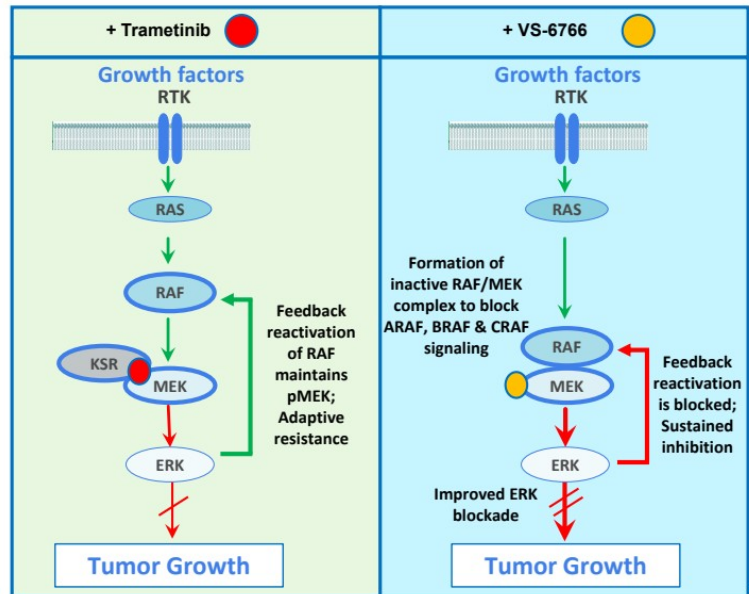
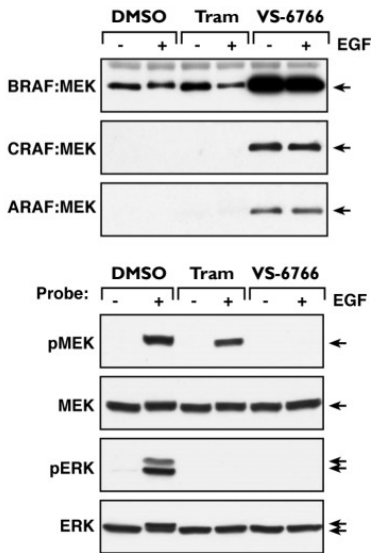
<sup>3</sup> In Startup

<sup>4</sup> Preclinical studies underway, ph. 2 investigator-sponsored trials in preparation 8



# VS-6766 is a unique RAF/MEK Clamp which induces inactive complexes of MEK with ARAF, BRAF & CRAF

*Contrasting mechanism of action vs. trametinib*

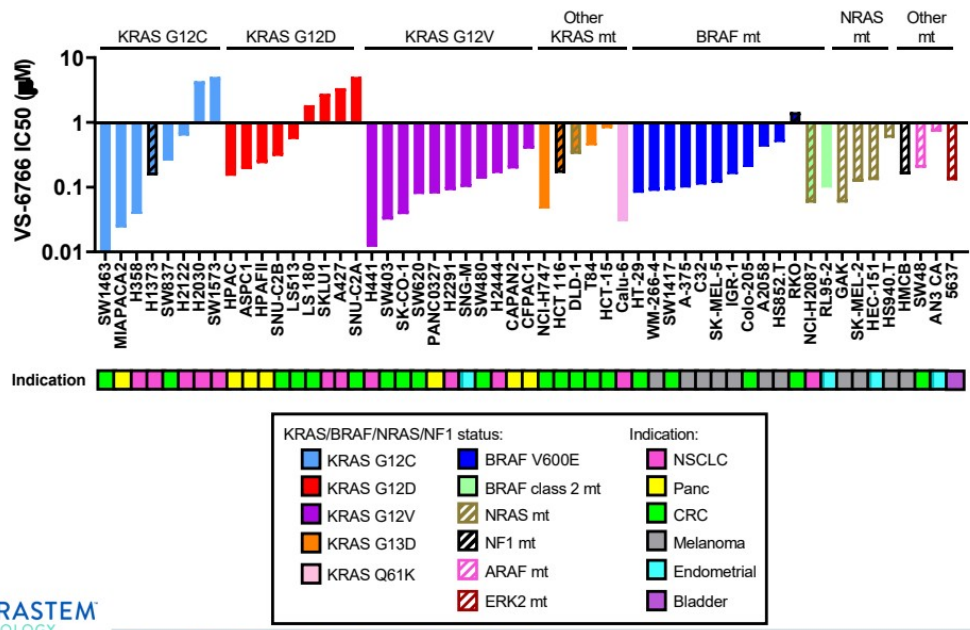


**VERASTEM**  
ONCOLOGY

Deborah Morrison unpublished

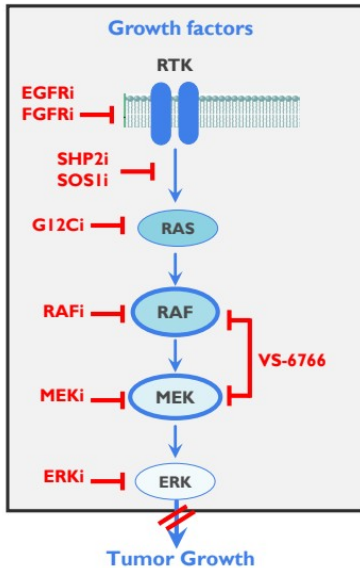


# VS-6766 inhibits cell proliferation across multiple MAPK pathway alterations and multiple solid tumor indications



Reference: Pachter RAS-Targeted Drug Discovery, Sep 2021 3D proliferation assay

# Vertical Blockade: Establishing VS-6766 as the backbone of therapy for RAS pathway-driven tumors



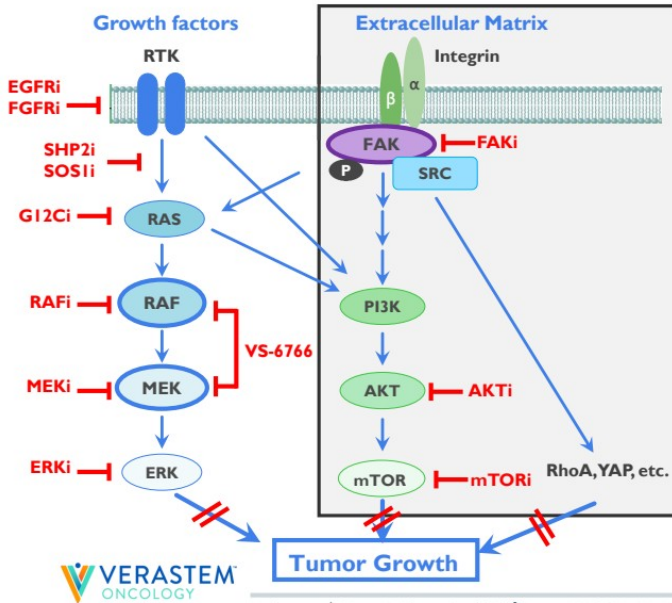
## Current Challenges

- Blocking any single target in the pathway is insufficient for maximum depth and duration of anti-tumor efficacy
  - e.g., SHP2i, KRAS-G12Ci, RAFi, MEKi, ERKi
- Vertical blockade concept is now well established
  - Necessary to block more than 1 target in the pathway
- Many of these agents (e.g., SHP2i, MEKi) have poor tolerability as monotherapy and in combination

## Solutions offered by VS-6766

- Vertical blockade (RAF and MEK blockade) in a single drug
- Potential best-in-class tolerability with recommended twice weekly dosing regimen
  - Should enable tolerable combinations
- Compelling synergy data (preclinical) for VS-6766 combinations (e.g., with KRAS-G12C inhibitors) supporting clinical combinations

# Parallel Pathway Inhibition: Establishing VS-6766 as the backbone of therapy for RAS pathway-driven tumors



## Current Challenges

- Blocking Ras pathway can be circumvented through parallel pathways
  - e.g., PI3K/AKT/mTOR, FAK, RhoA, YAP
- Combinations of MEKi + AKTi have shown poor tolerability

## Solutions offered with VS-6766

- Good tolerability with twice weekly VS-6766 opens up intermittent dosing options for combinations
- Compelling preclinical synergy data with VS-6766 in combination with FAK inhibition and with AKT pathway inhibition (e.g., everolimus)
- RP2D established for VS-6766 + defactinib and for VS-6766 + mTORi (everolimus) with twice weekly regimen



VS-6766 +/- Defactinib in Low-  
Grade Serous Ovarian Cancer

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# Favorable Tolerability Profile with Novel Intermittent Dosing Regimen

Summary of Adverse Events Grade  $\geq 3$  Occurring in  $\geq 5\%$  of patients

	VS-6766 monotherapy Daily at MTD N=6 28-day cycle	RP2D VS-6766 monotherapy 4mg twice weekly N=26 28-day cycle	RP2D (VS-6766 3.2mg twice weekly + defactinib 200mg twice daily) N=38 21 days of 28-day cycle
Treatment Related Adverse Event	Grade $\geq 3$	Grade $\geq 3$	Grade $\geq 3$
Rash	3 (50%)	5 (19%)	2 (5%)
CK elevation (Creatine phosphokinase)	1 (17%)	2 (8%)	2 (5%)

### Summary of FRAME Safety Profile

Most Adverse Events (AE) were Grade 1/2

Few patients have discontinued due to AEs in the study



<sup>1</sup> Chenard-Poirier, et al. ASCO 2017  
References: Banerji, Q4 2020 report; Data on file  
RP2D: recommended phase 2 dosing

# Favorable Tolerability Profile at Recommended Phase 2 dose for VS-6766 plus defactinib combination regimen

Treatment Related Adverse Events Details* (≥10% patients in cohort 3.2mg 6766 and Def 200mg)	VS-6766 4mg Twice Weekly (4 wks of every 4 wks) <sup>1</sup> n=22		VS-6766 3.2mg Twice Weekly Def 200mg BID (3 wks of every 4 wks) <sup>2</sup> n=38	
	Gr1/2	Gr3/4	Gr1/2	Gr3/4
Rash	15	5	32	2
CK Elevation	13	2	19	2
AST Elevation	1		13	
Hyperbilirubinemia			14	1
Visual Disturbance	13		9	
ALT Elevation	2		5	
Diarrhoea	6	1	14	1
Fatigue	5	1	8	1
Oral Mucositis <sup>^</sup>	7	1	11	
Nausea	5		5	
Vomiting	2		4	
Peripheral Edema	9		10	
Paronychia	3		4	
Thrombocytopenia			6	
Pruritus	3	0	5	

## Summary of FRAME Safety Profile

- Most Adverse Events (AE) were Grade 1/2
- Few patients have discontinued due to AEs in the study

## RP2D

- **VS-6766 3.2 mg** oral twice wkly (3 wks of every 4 wks)
- **Defactinib 200 mg** oral BID (3 wks of every 4 wks)

\*AEs were graded by NCI CTC v4; highest grade only recorded for each patient; AEs presented in ≥10% Patient (cohort 3.2mg 6766 and Def 200mg) data preliminary and subject to change;  
<sup>^</sup>also includes glossitis/mouth ulcers



# 70% of LGSOC tumors driven by mutations in the RAS pathway



LGSOC is a type of ovarian cancer that disproportionately affects younger women



1,000 to 2,000 patients in the U.S. and 15,000 to 30,000 worldwide diagnosed with LGSOC each year



A slow growing cancer, that has a median survival of almost 10 years, so patients remain in treatment for a long time (10-yr prevalence ~80,000 worldwide, ~6,000 US)

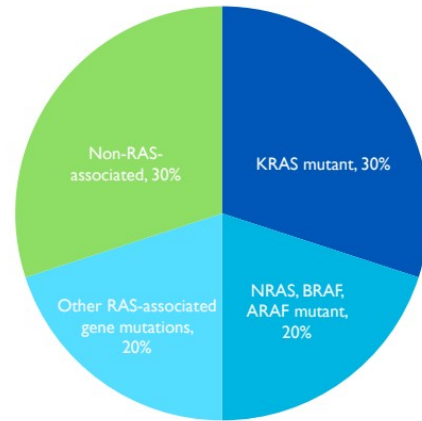


Patients often experience significant pain and suffering from their disease over time



Most prior research has focused on high grade serous ovarian cancer (HGSOC). However, LGSOC is clinically, histologically and molecularly unique from HGSOC with limited treatments available

~30% of LGSOC Patients Have KRAS mt  
~70% of LGSOC Shows RAS Pathway-Associated mts



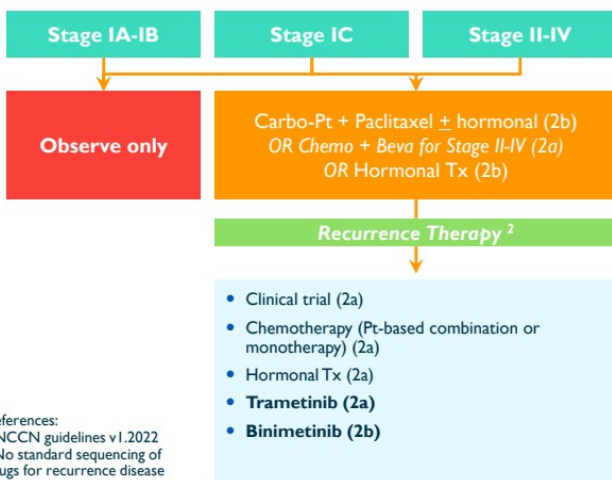
References: AACR Project GENIE Cohort v9.0-public and Verastem unpublished analysis



Reference: Monk, Randall, Grisham, The Evolving Landscape of Chemotherapy in Newly Diagnosed Advanced Epithelial Ovarian Cancer, Am Soc Clin Oncol Educ Book; 2019; Slomovitz, Gourley, Carey, Malpica, Shih, Huntsman, Fader., Grisham et al, Low-Grade serous ovarian cancer: State of the Science; Gynecol Oncol; 2020. Grisham, Iyer, Low-Grade Serous Ovarian Cancer: Current Treatment Paradigms and Future Directions; Curr Treat Options Oncology; 2018.

# LGSOC: Limited Treatment Options with High Unmet Need

## Low-Grade Ovarian Cancer – Treatment Algorithm<sup>1</sup>



References:  
<sup>1</sup> NCCN guidelines v1.2022  
<sup>2</sup> No standard sequencing of drugs for recurrence disease

## Recent Clinical Trials in Recurrent LGSOC

Therapy	Response Rate ORR	Median PFS Months (95% CI)	Discontinuation Rate due to AEs
Standard of Care <sup>1</sup>	6%	7.2 (5.6-9.9)	12 %
Trametinib <sup>1</sup>	26%*	13.0 (9.9-15.0)	35%
Standard of Care <sup>2</sup>	13%	10.6 (9.2 to 14.5)	17%
Binimetinib <sup>2</sup>	16%	9.1 (7.3-11.3)	31%

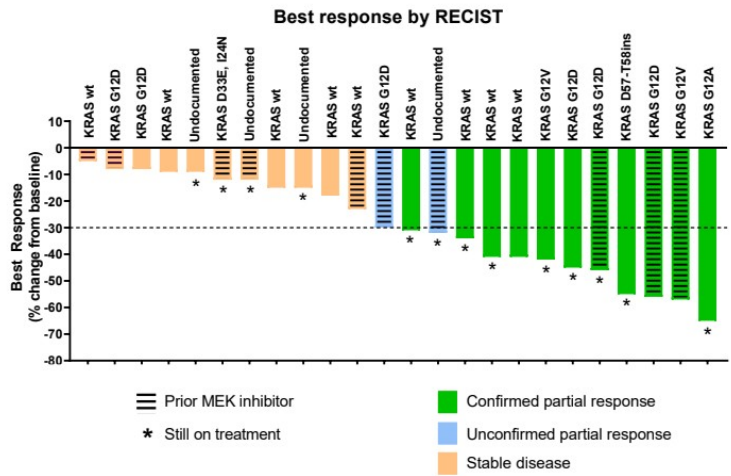
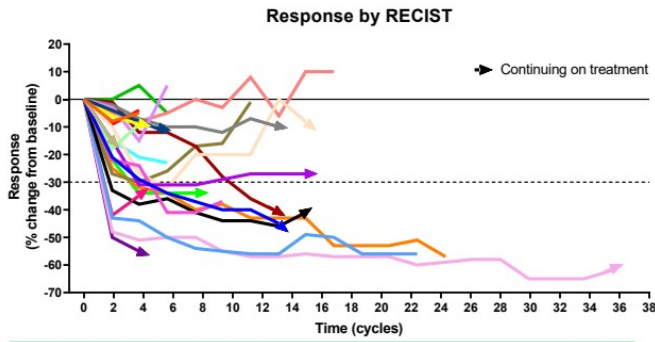
\* Not confirmed by central review

Standard of Care = letrozole, tamoxifen, chemotherapy  
 PFS = Progression free survival  
 CI = confidence interval

<sup>1</sup> Study GOG 281 trial Gershenson et al., Lancet 2022  
<sup>2</sup> MILO Study Monk et al., J Clin Oncol 2020.



# VS-6766 in Combination with Defactinib Shows Promising ORR with Durability in Refractory LGSOC with Expanded Number of Patients (n=24)



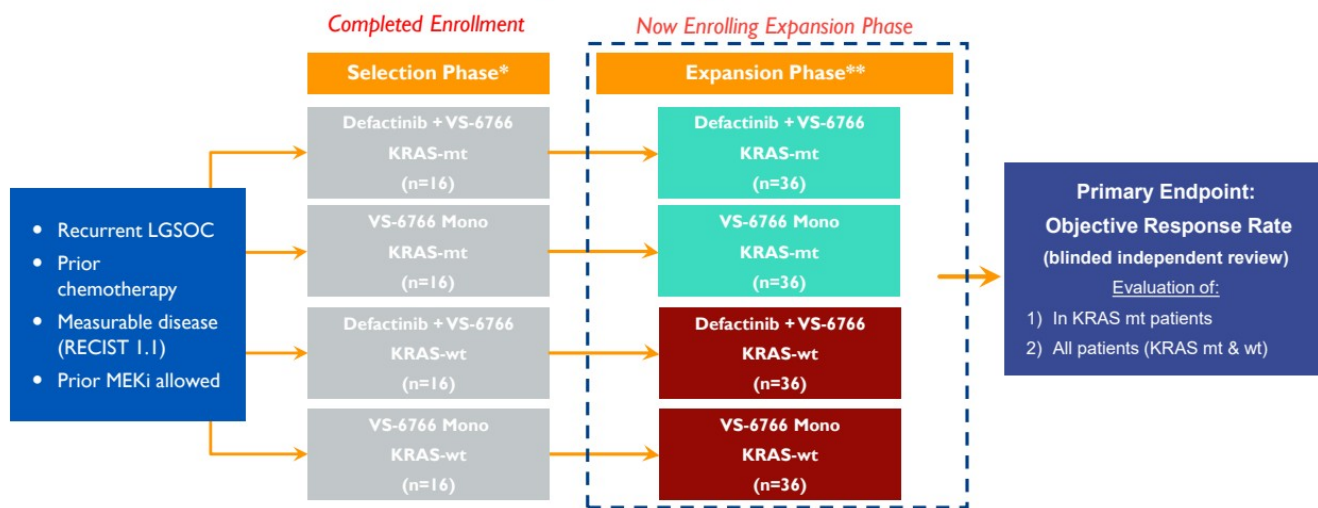
- Overall response rate (ORR) = 46% (11 confirmed PRs/24)
  - KRAS mutant ORR = 64% (7 confirmed PRs/11)
  - KRAS wild-type ORR = 44% (4 confirmed PRs/9)
  - KRAS status undetermined (1 unconfirmed PR/4)
- Response too early to determine for 2 pts on study for  $\leq 5$  months
- Responses in patients previously treated with MEKi
- 54% (13/24) patients still on treatment
- 1 patient discontinuing for adverse events as of April 2021
- Median PFS 23 months (95% CI 10.6-NR) across all LGSOC

Data cut off April 2021  
 PFS: Progression free survival  
 NR: Not reached



Reference: Banerjee et al., ESMO Sept 2021

# RAMP 201 Registration-directed Phase 2 Trial of VS-6766 +/- Defactinib in Recurrent LGSOC - KRAS Mutant (mt) and Wild Type (wt): adaptive design modified based on interim analysis findings



Each cohort expanded to ~36 patients (~20 additional patients)\*\*  
Go-forward treatment regimen to be selected once data sufficiently mature \*\*



\*Dosing: Defactinib + VS-6766 combo: Defactinib 200mg PO BID: 21/28 days + VS-6766 3.2mg PO 2x/wk 21/28 days; VS-6766 monotherapy: VS6766 4.0 mg PO 2x/wk 21/28 days  
\*\*Expansion Phase – final sample size to be adjusted based on adaptive design

## RAMP-201 Selection Phase: Interim Analysis Findings - June 2022

### Findings

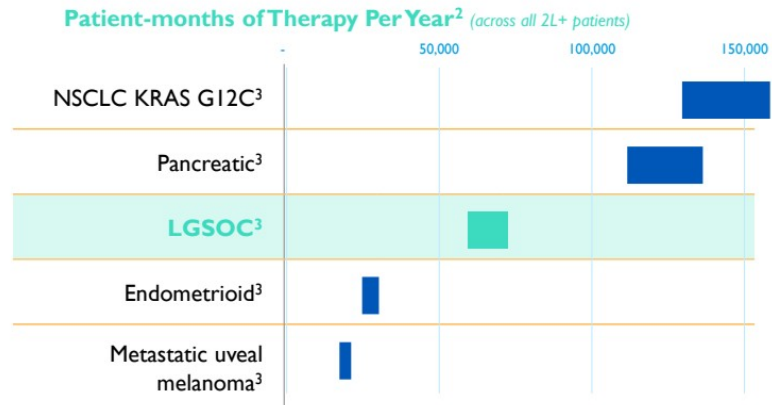
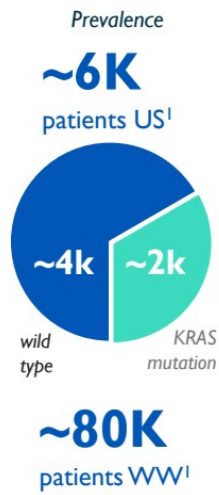
- Support continued evaluation of both VS-6766 monotherapy and VS-6766 + defactinib combination therapy treatment arms
- Encouraging efficacy results include confirmed responses in:
  - Monotherapy and combo therapy
  - KRAS mt and KRAS wt tumors
- No addl. safety signals to date, continued favorable safety profile for both monotherapy and combination treatment arms (~ 6% of patients discontinuing due to AEs)
- Substantial majority (~ 80%) of patients remain on study treatment



### Next Steps

- All four cohorts from Selection Phase will be enrolled for Expansion Phase (add ~ 20 patients/cohort)
- Fully enroll all four Expansion Phase cohorts in 2H 2022
- Select go-forward treatment regimen, timing driven by data maturity
- Next update to be provided once go-forward treatment regimen determined

# LGSOC market opportunity larger or comparable to other high unmet need KRAS opportunities



<sup>1</sup> References: Monk, Randall, Grisham, The Evolving Landscape of Chemotherapy in Newly Diagnosed Advanced Epithelial Ovarian Cancer, Am Soc Clin Oncol Educ Book; 2019; Slomovitz, Gourley, Carey, Malpica, Shih, Huntsman, Fader., Grisham et al. Low-Grade serous ovarian cancer: State of the Science; Gynecol Oncol; 2020. Grisham, Iyer, Low-Grade Serous Ovarian Cancer: Current Treatment Paradigms and Future Directions; Curr Treat Options Oncology; 2018; Globocan 2020

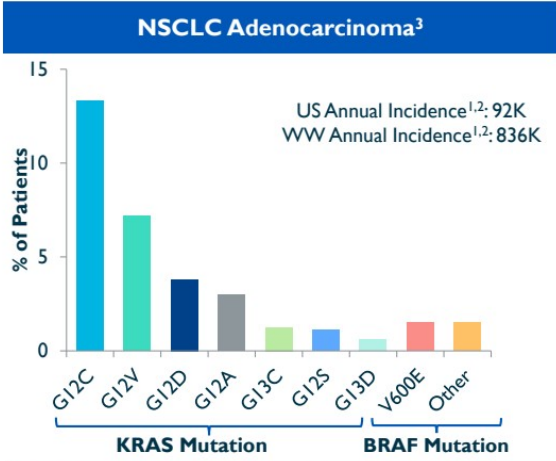
<sup>2</sup> Patient-months of Therapy metric calculated by multiplying relevant incidence/prevalence rate times estimated duration of therapy; represents US market opportunity only; patient population estimates from Globocan 2020, American Cancer Society 2021, AACR Genie Cohort V9.0 public, and scientific publications. Duration of therapy estimates from clinical studies and clinician experience. Patient-months on therapy is for 2<sup>nd</sup>-line+ patients

<sup>3</sup> NSCLC KRAS G12C 2<sup>nd</sup> line patients (incidence); Pancreatic RAS/RAF mutant 2<sup>nd</sup>-line patients (incidence); LGSOC KRAS mutant and wild-type patients (prevalence); Endometrioid RAS/RAF mutant 2<sup>nd</sup>-line patients (incidence); Uveal melanoma RAS/RAF mutant 2<sup>nd</sup>-line patients (incidence)

VS-6766 +/- Defactinib in NSCLC

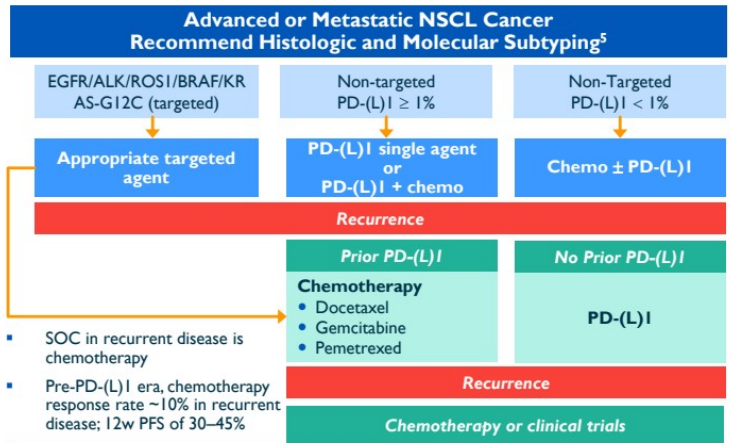
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# High Unmet Need in Refractory mt NSCLC Adenocarcinoma



KRAS Mutations Represent 25% of Lung Cancer Adenocarcinoma & BRAF Represent 2-4% (EGFR 17%, ALK 7%)<sup>4,6</sup>

- References:
- Globocan, 2018
  - <https://www.ncbi.nlm.nih.gov/books/NBK519578/>
  - TCGA PanCancer Atlas (cBioPortal analysis)
  - www.thelancet.com Vol 389 January 21, 2017
  - Adapted from NCCN Non-small cell lung cancer guidelines Version 3.2020
  - Clinical Cancer Research DOI 10.1158/1078-0432.CCR-18-2062



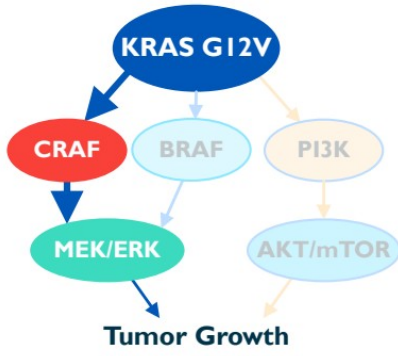
### Verastem Clinical Trials:

- RAMP 202:
  - KRAS G12V—VS-6766 monotherapy & VS-6766 + Defactinib
  - Other KRAS mutations—VS-6766 + Defactinib
  - BRAFV600E and BRAF non-V600E—VS-6766 + Defactinib
- RAMP 203—KRAS G12C: VS-6766 + sotorasib
- RAMP 204—KRAS G12C: VS-6766 + adagrasib



# VS-6766 Inhibits CRAF - The key driver of KRAS G12V mt NSCLC

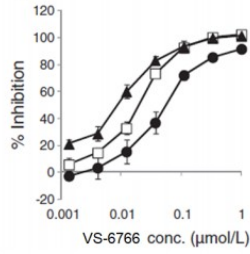
A Precision Approach to KRAS G12V Driven NSCLC



- KRAS G12V signals mainly through RAF/MEK in contrast to other variants, such as KRAS-G12D, which signal more through PI3K/AKT
- KRAS G12V models are especially dependent on CRAF



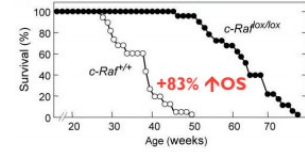
RAF family  
 $IC_{50}$ (CRAF●): 0.056 ± 0.016 μmol/L  
 $IC_{50}$ (BRAF□): 0.019 ± 0.0030 μmol/L  
 $IC_{50}$ (BRAF V600E▲): 0.0082 ± 0.0015 μmol/L



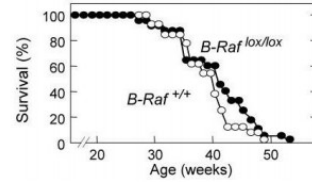
CRAF, but not BRAF, ablation improves survival of mice with KRAS G12V induced lung cancer *in vivo*

CRAF Drives KRAS G12V mt NSCLC<sup>1</sup>

**CRAF KO Shows Strong Efficacy**



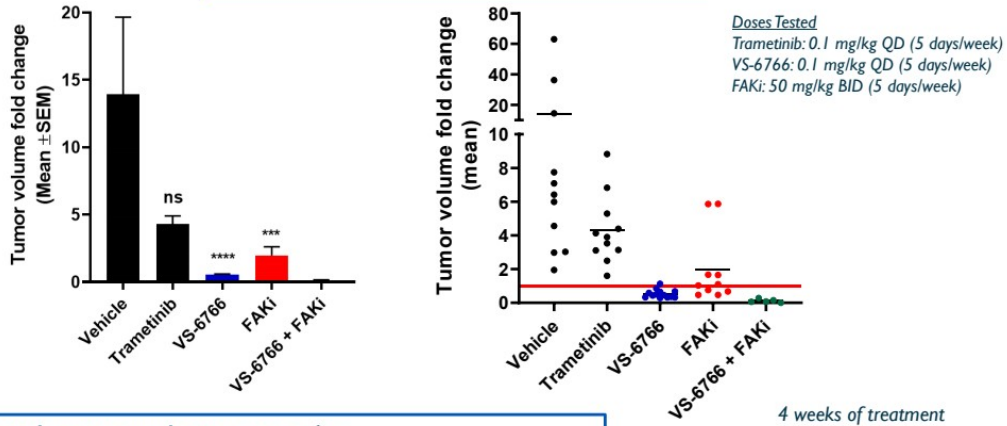
**BRAF KO Has No Effect**



References: Ishii et al. *Cancer Res* (2013), Blasco, R. B. et al. *Cancer Cell* (2011), Lito, P. et al. *Cancer Cell* (2014), Sanclemente, M. et al. *Cancer Cell* (2018)

# VS-6766 +/- FAKi induces significant tumor regression in KRAS G12V mt NSCLC in vivo model, with clear differentiation from trametinib

## KRAS G12V mutant; Tp53 KO NSCLC



- VS-6766 monotherapy caused tumor regression
- VS-6766 + FAKi showed stronger regression
- No significant anti-tumor effect of trametinib at same dose level

4 weeks of treatment

Statistics: Mann-Whitney test

Collaboration with Mariano Barbacid



# Case Study: Response to VS-6766 + defactinib in a patient with KRAS G12V mutant NSCLC

May 2019: Diagnosed with NSCLC

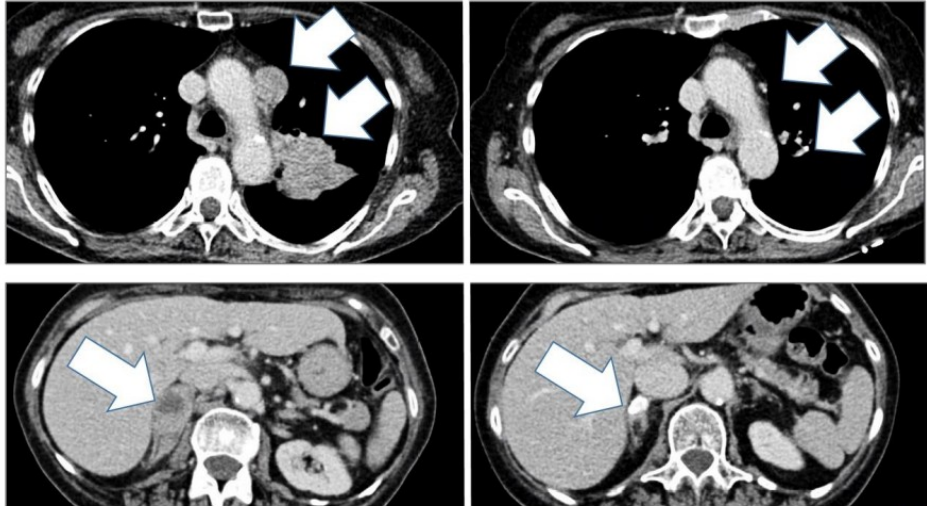
June 2019 - Sept 2019: Treated with first line Carboplatin + Pemetrexed + Pembrolizumab

Oct 2019: Progression, palliative RT to right hip

Nov 2019 – present: On treatment in FRAME study VS-6766 + Defactinib

Pre-treatment Oct 2019

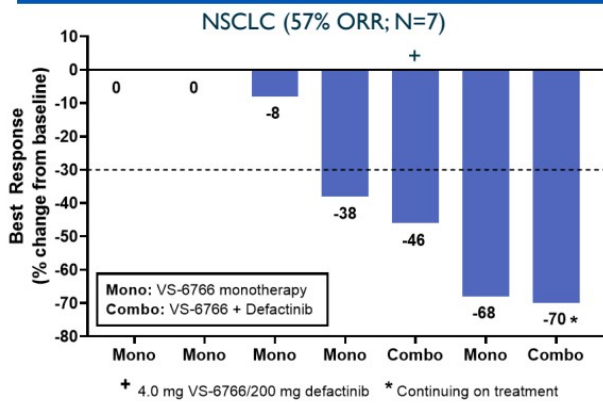
VS-6766 + Defactinib  
On-treatment Feb 2021



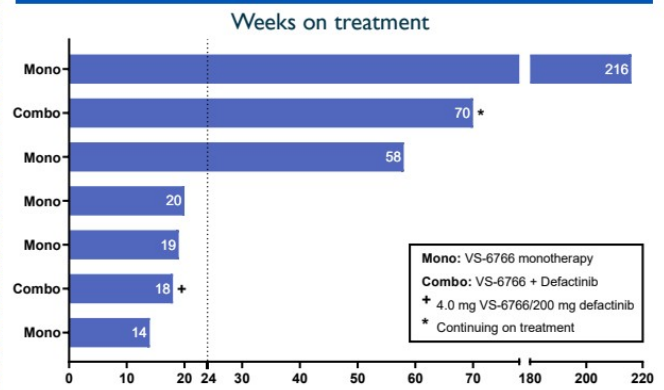
# Strong Signal Identified in KRAS G12V NSCLC

VS-6766 ± Defactinib Has Shown a 57% ORR in KRAS G12V mt NSCLC in Integrated Analysis

## Best Response by RECIST in KRAS G12V mt NSCLC

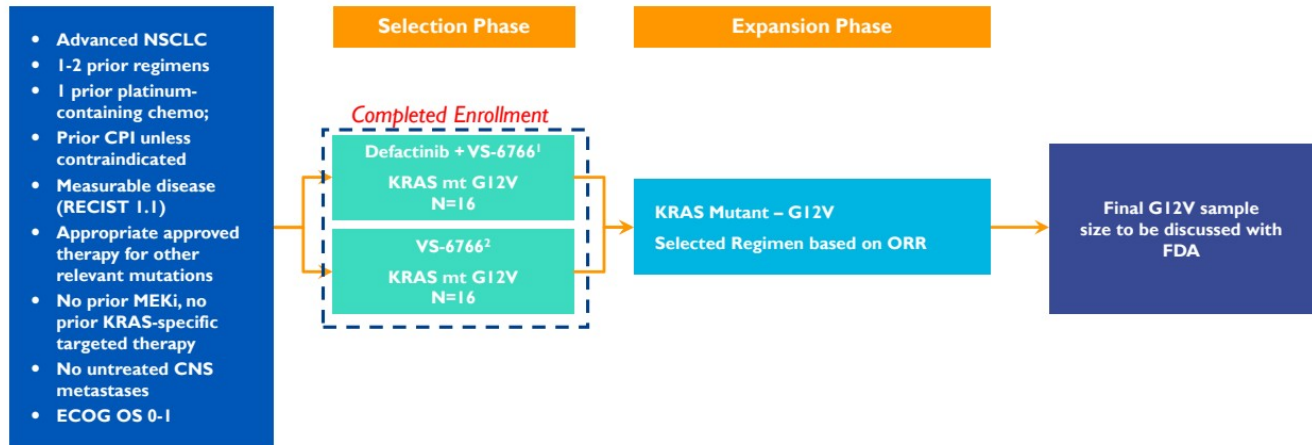


## Time on Treatment for KRAS G12V mt NSCLC

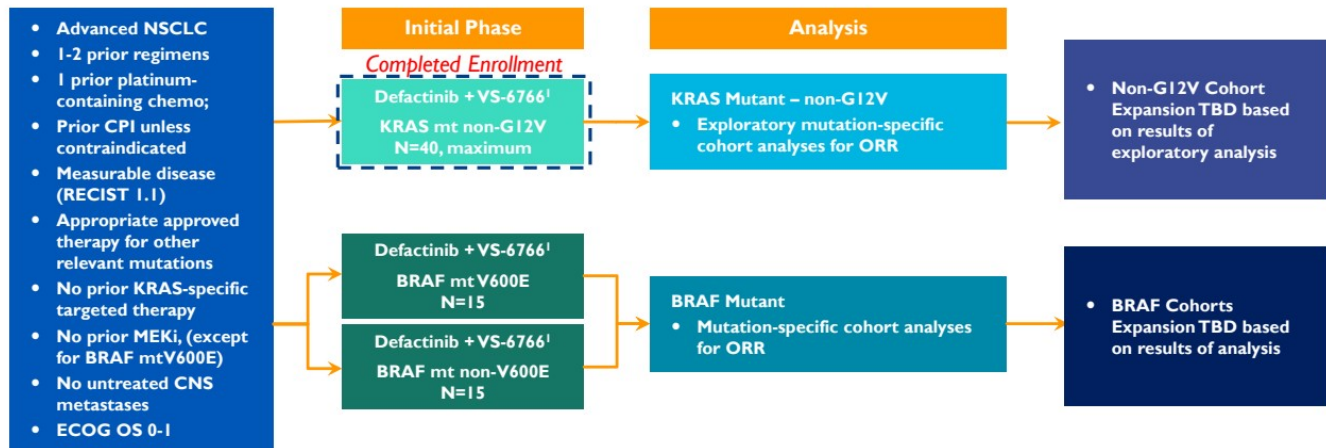


- Preclinical evidence suggests combination with Defactinib may improve efficacy in KRAS G12V mt NSCLC
- Activity of VS-6766 as a single agent and in combo with Defactinib in KRAS G12V mt NSCLC

# RAMP 202: Registration-directed Phase 2 Trial of VS-6766 +/- Defactinib in advanced NSCLC Primary Cohort: KRAS G12V mt NSCLC



# RAMP 202: Additional Cohorts of VS-6766 + Defactinib in KRAS non-G12V mt & BRAF mt NSCLC



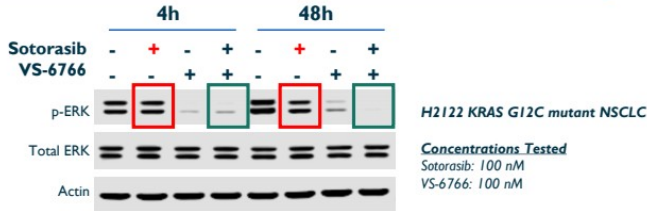
# Preclinical synergy of VS-6766 + G12C inhibitors in KRAS G12C mt models

Synergy of VS-6766 + G12C inhibitors across G12C mutant NSCLC, CRC & Pancreatic cancer cell lines

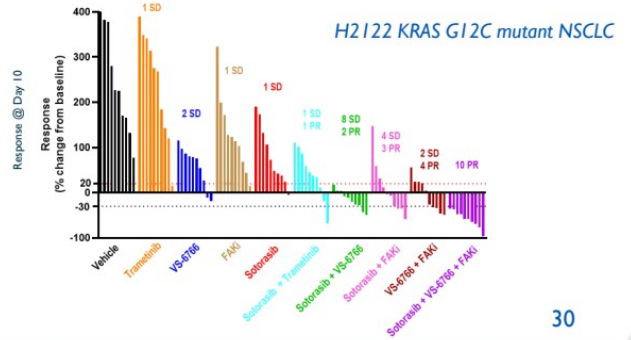
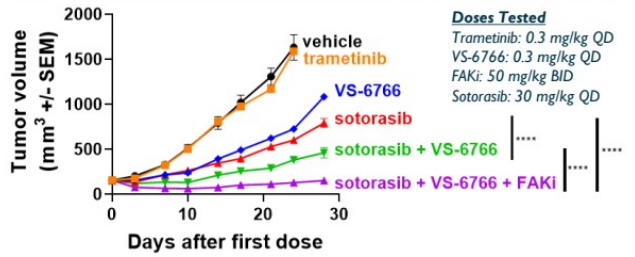
Cell line	Indication	Sensitivity to G12C inhibitors	Combined Synergy Score	
			VS-6766 + sotorasib	VS-6766 + adagrasib
H2122	NSCLC	Moderately sensitive	44.7	44.6
H1373	NSCLC	Sensitive	10.0	3.4
SW1573	NSCLC	Insensitive	8.6	12.0
H358	NSCLC	Sensitive	6.9	5.4
H2030	NSCLC	Moderately sensitive	5.1	ND
SW837	CRC	Sensitive	16.1	18.5
MIAPACA2	Panc	Sensitive	2.3	5.3

ND: not determined

VS-6766 + sotorasib yields deeper and more sustained inhibition of ERK signaling pathway



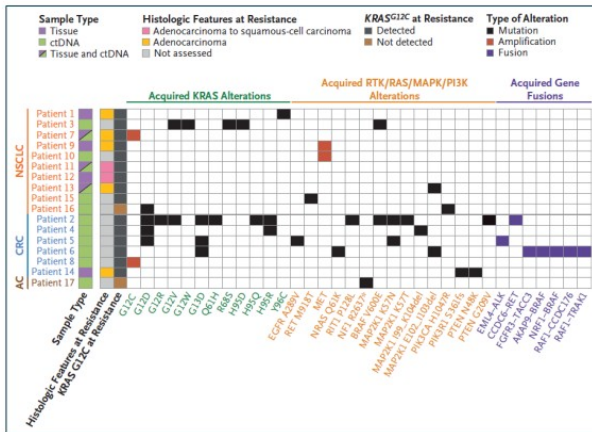
VS-6766 & FAKi potentiate sotorasib efficacy in KRAS G12C mutant NSCLC in vivo; Tumor regression in all mice with triple combination



# Acquired resistance mechanisms to KRAS G12C treatment in patients further support combination of KRAS G12C with VS-6766

## Summary of Putative Mechanisms of Acquired Resistance to Adagrasib Treatment

- Mechanisms of acquired resistance to KRAS G12C adagrasib treatment in patients recently reported<sup>1,2</sup>
- The main resistance alterations occurred in
  - RTK mts or amplifications
  - KRAS mts or amplification
  - NRAS mt
  - BRAFV600E mt, BRAF or CRAF fusions
  - MAP2KI (MEK1) mt/deletion
- VS-6766 has shown activity against these KRAS, NRAS, BRAF and CRAF modifications

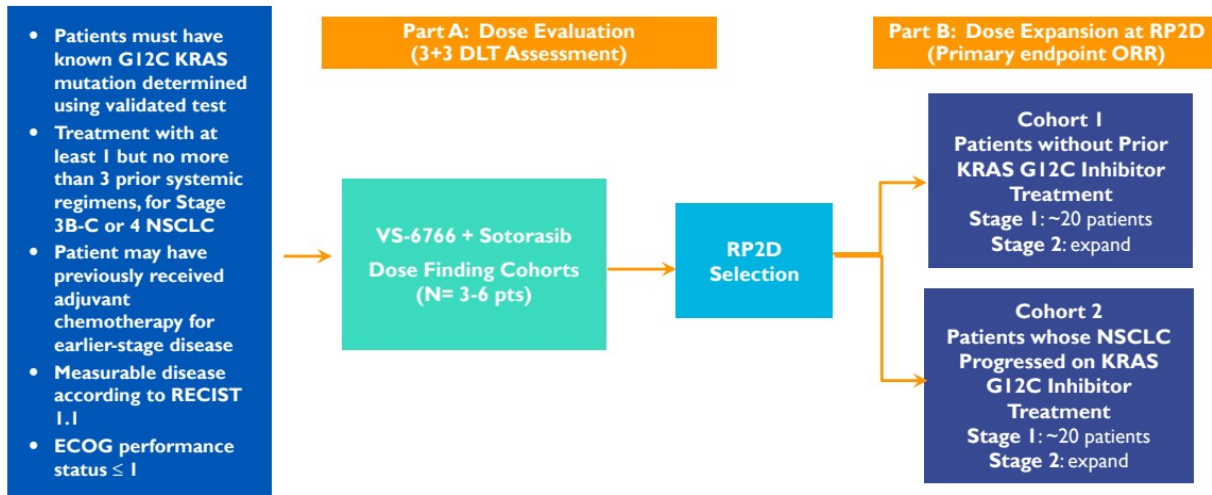


Cell Line	IC50 (nM)		
	Sotorasib	Adagrasib	VS-6766
G12C	29	3	14
G12D	435	382	7
G12C/R68S	157	85	13
G12C/H95D	11	235	10
G12C/Y96C	438	216	4

1 - 30 nM    30 - 150 nM    150 - 500 nM  
Reference: Andrew Aguirre, unpublished



# RAMP 203: Phase I/2 Trial of VS-6766 + LUMAKRAS™ (sotorasib) in KRAS G12C-mutated advanced NSCLC



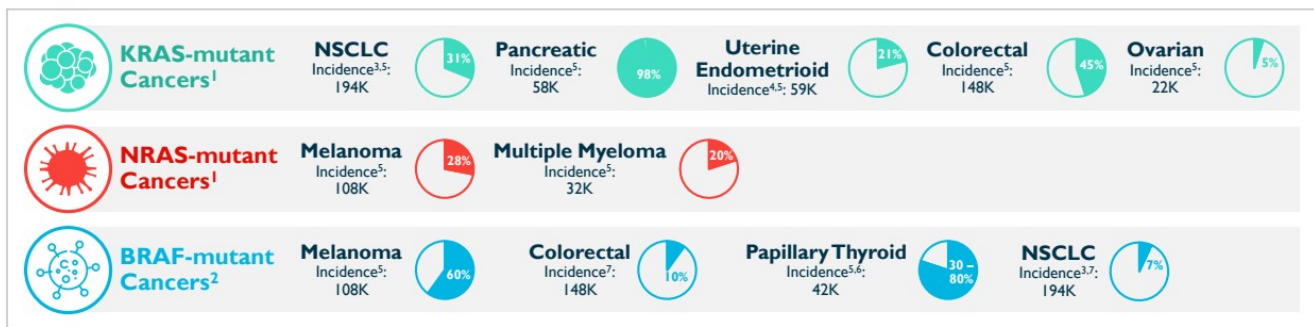


Future Opportunities: VS-6766 as  
Backbone of RAS Therapy

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# High Unmet Needs in RAS/RAF/MEK/ERK-Driven Cancers



## Breadth of potential opportunity

- 30% of all human cancers are driven by mutations of the RAS family of genes<sup>6</sup>

## Established prognostic significance

- Patients with mutations of the RAS family have an overall worse prognosis

## Challenges with conventional approaches

- Modest progress; limited number of approved therapies
- Single agent therapies (e.g., MEK inhibitors) associated with resistance
- Tolerable combination regimens with MEK inhibitors have been challenging
- Current RAS inhibitors in development address only a minority of all RAS mutated cancers

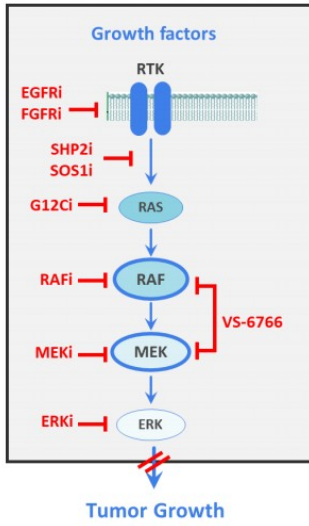
Incidence References:

<sup>1</sup>Reference for RAS mt frequencies – Cox et al. *Nature Reviews* 13: 828, 2014; <sup>2</sup>Reference for BRAF mt frequencies – Turski et al. *Mol Cancer Ther* 15: 533, 2016  
<sup>3</sup>85% of lung cancer is NSCLC (Lu et al. *Cancer Manag Res*. 2019); <sup>4</sup>90% of all uterine cancers are of the endometrial type (ACS); <sup>5</sup>Cancer Statistics 2020, Siegel et al. *CA Cancer J Clin* 2020;70:7-30; <sup>6</sup>8 out of 10 thyroid cancers are of the papillary type (ACS)<sup>7</sup>CbioPortal

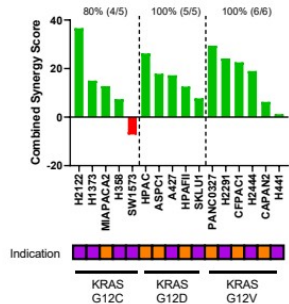
References:

McCormick F *Clin Cancer Res* 15April2015; <sup>8</sup>Adderley H et al. *EBioMedicine* 01Mar2019; Papke B et al. *Science* 17Mar2017; Ryan M et al. *Nature Reviews Clinical Oncology* 01Oct2018; NIH cancer.gov/research/key-initiatives/ras

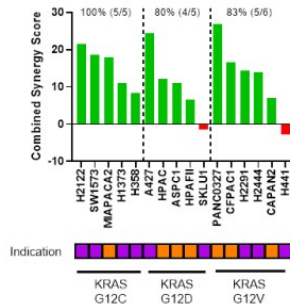
# Vertical Blockade: Preclinical synergy in combination with promising agents for clinical investigation



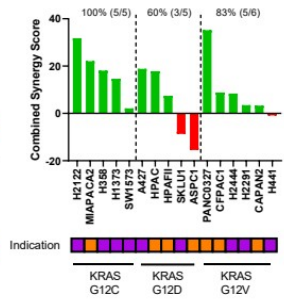
**VS-6766 + pan-HERi (Afatinib)**



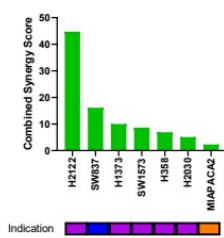
**VS-6766 + SHP2i (RMC-4550)**



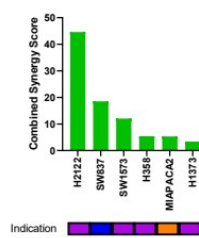
**VS-6766 + SOS1i (BI-3406)**



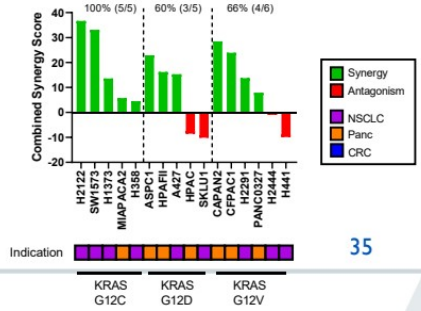
**VS-6766 + G12Ci (AMG 510)**



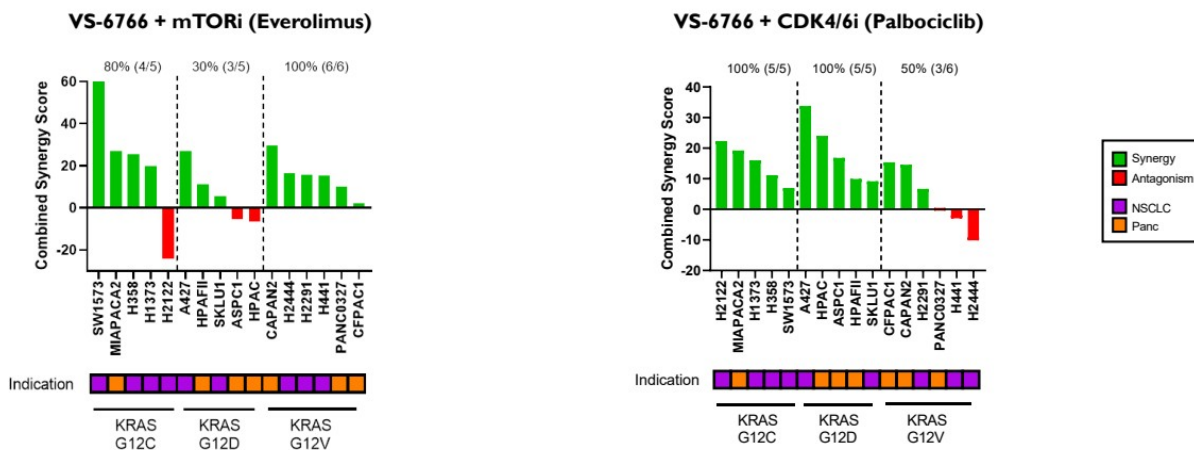
**VS-6766 + G12Ci (MRTX849)**



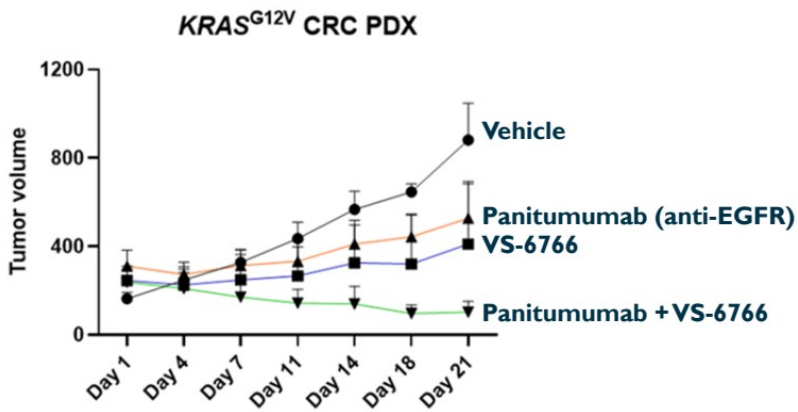
**VS-6766 + ERK1/2i (LY3214996)**



# Parallel Pathway Inhibition: Preclinical synergy in combination with promising agents for clinical investigation



## Combination of VS-6766 with anti-EGFR mAb induces tumor regression in a KRAS mt Colorectal PDX model



- VS-6766 + anti-EGFR (panitumumab) induces tumor regression in a KRAS G12V mt CRC patient-derived xenograft model
- G12C1 + anti-EGFR (sotorasib + panitumumab and adagrasib + cetuximab) have shown partial responses in KRAS G12C mt CRC (Fakih et al. ESMO 2021; Weiss et al. ESMO 2021)
- **These data support clinical testing of VS-6766 + anti-EGFR (cetuximab) for treatment of KRAS mt CRC (NCT05200442)**

# Clinical Program Targeting the RAS Pathway in Additional Indications

INDICATION	REGIMEN	STUDY NAME	PRECLINICAL	PHASE I	PHASE 2	PHASE 3
R/R pancreatic cancer <sup>1</sup>	VS-6766 + defactinib	FRAME				
Metastatic uveal melanoma <sup>1</sup>	VS-6766 + defactinib	IST				
ER+ breast cancer <sup>1,2</sup>	VS-6766 + abemaciclib + fulvestrant	IST				
KRAS mt colorectal cancer <sup>1</sup>	VS-6766 + cetuximab	IST				
BRAF mt (non-V600E) Papillary & anaplastic thyroid cancer <sup>1,2</sup>	VS-6766	IST				
Metastatic Castrate-resistant Prostate Cancer <sup>1,2</sup>	VS-6766 (+/- darolutamide)	IST				
BRAF mt melanoma <sup>1,2</sup>	VS-6766 + pembrolizumab	IST				

<sup>1</sup> Investigator-sponsored trial  
<sup>2</sup> In preparation/planning

Corporate



# Key Financial Statistics

As of and for the quarter ended March 31, 2022

Cash, cash equivalents & investments	\$106M
Non-GAAP Operating Expenses	\$18M
Shares Outstanding	186M

## Oxford Finance LLC Credit Facility

<u>Loan Tranches</u>	<u>Event</u>
A \$25M	At closing
B \$15M	COPIKTRA PTCL approval in U.S. or \$50M equity proceeds
C \$25M	LGSOC accelerated or full approval
D \$35M	\$50M product revenue on six months trailing basis
E \$50M	Lender discretion
Total \$150M	

**Interest rate:** floating rate, which is subject to a floor and a cap; 5% final payment charge, and loan subject to 1-3% early payment fee

**Term:** 5 Years; Interest only two years initially, extendable up to four years based on achievement of milestones

**Financial covenants:** None



\* Q1 2022 GAAP operating expenses - \$19.6M minus Q1 2022 stock compensation - \$1.6M = \$18.0M Q1 2022 non-GAAP operating expenses



Backup Slides

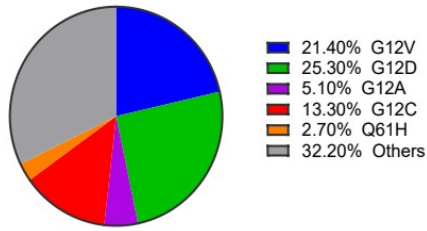


## Verastem Oncology Strategic Transformation

- Q1 2020: In-licensed global rights to VS-6766, best-in-class RAF/MEK inhibitor, from Chugai PIPE financing based on data for new clinical program
- Q3 2020: Divested global rights to Copiktra to Secura Bio
- Q4 2020: Initiated registration-directed ph. 2 study in LGSOC  
Initiated registration-directed ph. 2 study in NSCLC
- Q1 2021: LGSOC study updated to include KRAS wild type patients
- Q2 2021: FDA Breakthrough Therapy Designation granted for VS-6766 + Defactinib in LGSOC
- Q3 2021: Remaining outstanding debt retired  
VS-6766 + sotorasib Collaboration agreement with Amgen
- Q4 2021: VS-6766 + adagrasib Collaboration agreement with Mirati

# KRAS G12V and G12D Represent ~50% of KRAS Mutations across Human Cancers

% frequency in a total of 780 cancer patients with KRAS mutations<sup>1</sup>

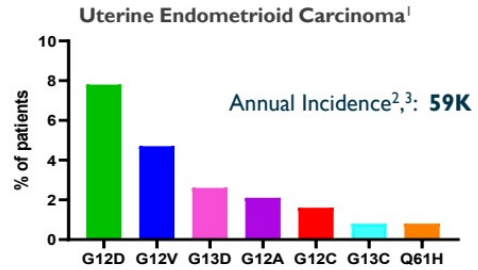
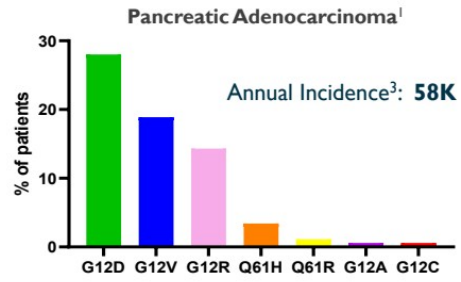


References:

<sup>1</sup> TCGA PanCancer Atlas (cBioPortal analysis)

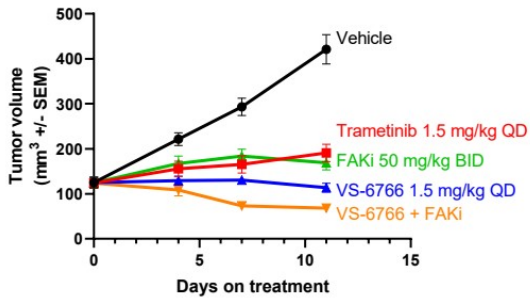
<sup>2</sup> 90% of all uterine cancers are of the endometrial type (ACS)

<sup>3</sup> Cancer Statistics 2020 (Siegel et al. CA Cancer J Clin 2020; 70:7-30)

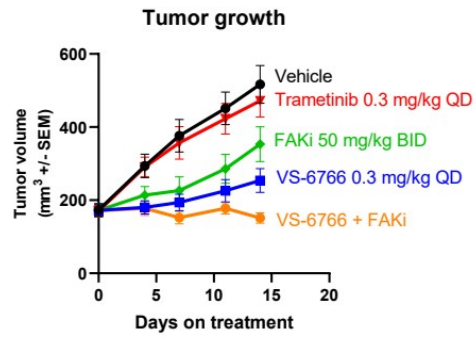


# VS-6766 and FAK inhibitor combination leads to more robust anti-tumor efficacy in vivo

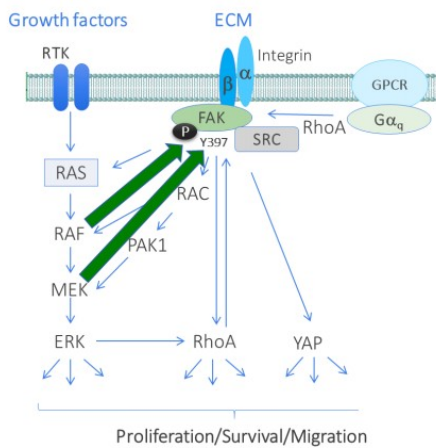
KRAS<sup>mt</sup> Ovarian TOV-21G *in vivo* Model<sup>1</sup>



KRAS<sup>mt</sup> NSCLC H358 *in vivo* Model<sup>2</sup>



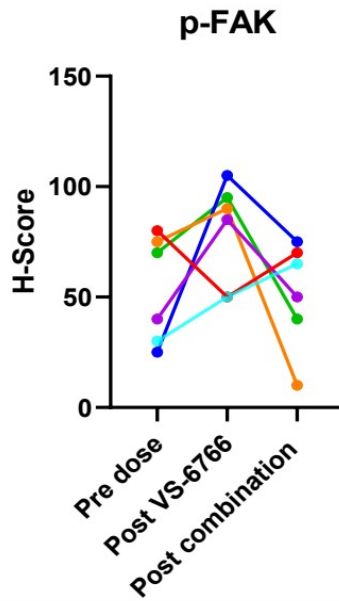
# Overcoming Key Resistance Mechanisms to MEK Inhibitors



**→ = Feedback Reactivation**



References:  
Banerji, BTOG Dublin, Jan 23, 2019  
Banerji, AACR VM 1, April 27, 2020, CT143



## • MEK inhibition induces compensatory activation of pFAK preclinically and clinically

- Trametinib induced ↑ pFAK (Y397) preclinically in KRAS mt NSCLC cell lines
- **Also observed in patients**
  - **VS-6766 induced ↑ pFAK (Y397) as a potential resistance mechanism in the majority of patients**
  - **Combination with defactinib reduced this compensatory pFAK signal**

# Pharmacokinetic Profiles of VS-6766 + Defactinib in Combination Similar to that seen in Single Agent Studies

## VS-6766

Cohort	Dose (mg)	N	Subject	AUC <sub>0-24h</sub> (h*ng/mL)	C <sub>max</sub> (ng/mL)
1	3.2 (with 200mg VS)	3	Mean	6179	354
			CV%	32.1	30.4
2a	4 (with 200mg VS)	5	Mean	5353	289
			CV%	15.8	16.0
2b	3.2 (with 400mg VS)	1	FRA101-007	3302	229

## Defactinib

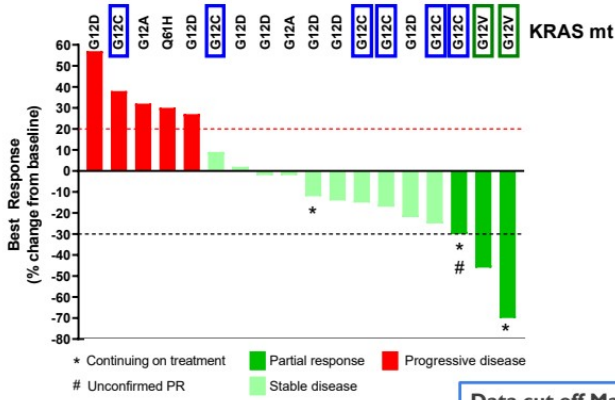
Cohort	Dose (mg)	N	Subject	AUC <sub>last</sub> (h*ng/mL)	C <sub>max</sub> (ng/mL)
1	200 (with 3.2mg RO)	3	Mean	2071	273
			CV%	103	80
2a	200 (with 4mg RO)	5	Mean	2252	318
			CV%	124	117
2b	400 (with 3.2mg RO)	3	Mean	2807	360
			CV%	31	32

# NSCLC Responses with VS-6766 + Defactinib Combination (n=20)

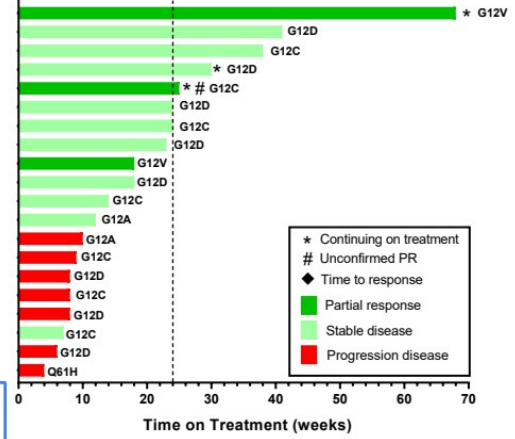
Confirmed responses in 2/2 patients with KRAS G12V mt NSCLC

Tumor reduction in 4/6 patients with KRAS G12C mt NSCLC

Best response by RECIST in KRAS mt NSCLC



Time on Treatment



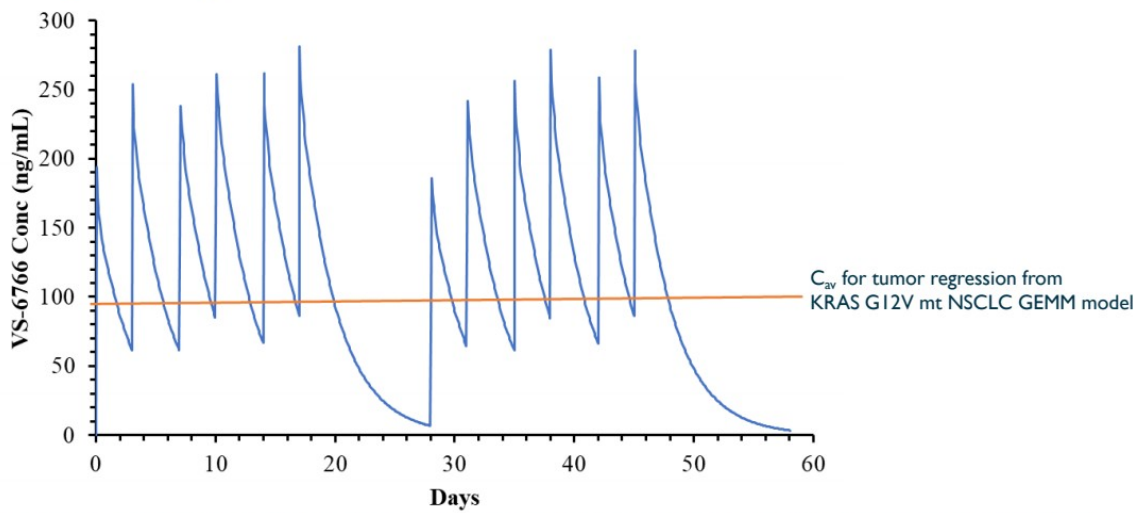
**Data cut off March 5, 2021**

- ORR = 15% (3/20)
- ORR in G12V mt = 100% (2/2)
- DCR = 65% (13/20)
- 3/20 (15%) still on study
- 7 pts on treatment ≥ 24 weeks





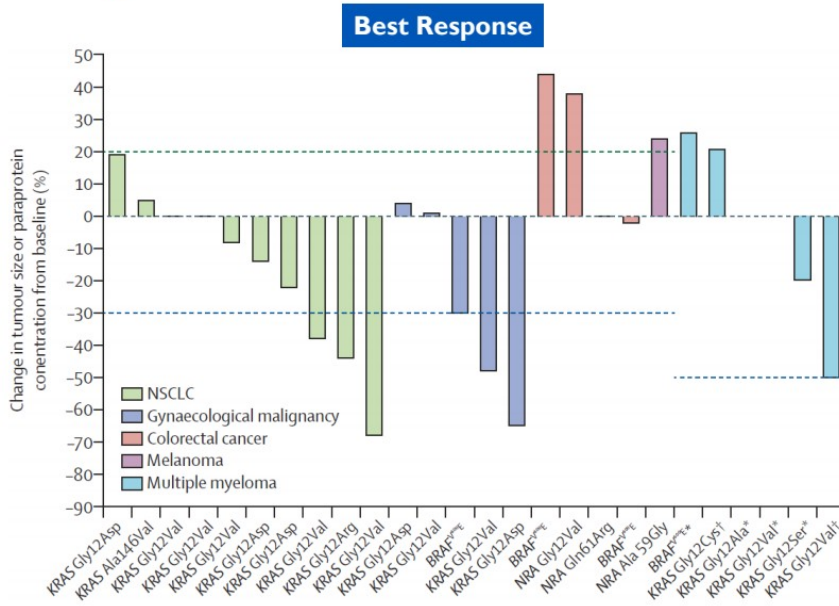
## Target exposure for preclinical tumor regression is covered by twice weekly dosing of 4 mg VS-6766 3 wks on/1 wk off



- Modeling of PK for 4 mg VS-6766 2/wk, 3 wks on/1 wk off, based on 4 mg single dose PK data (study NO21895)
- Relationship to average exposure for tumor regression in KRAS G12V mt NSCLC mouse model

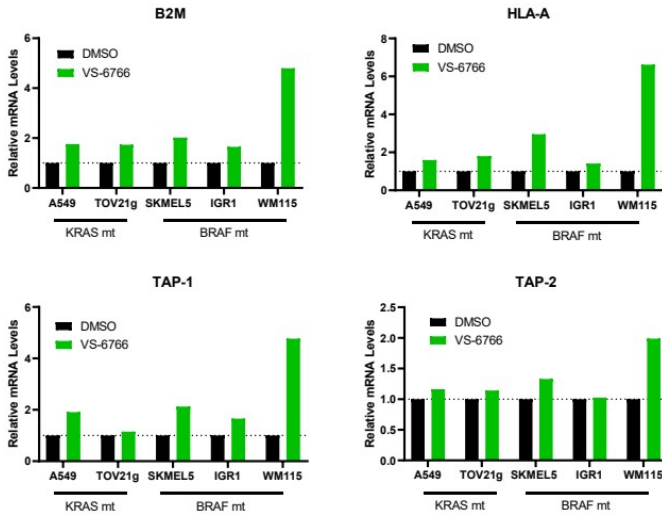


# VS-6766 monotherapy has shown clinical activity in several cancer indications, including NSCLC



Guo et al., Lancet Oncology 2020

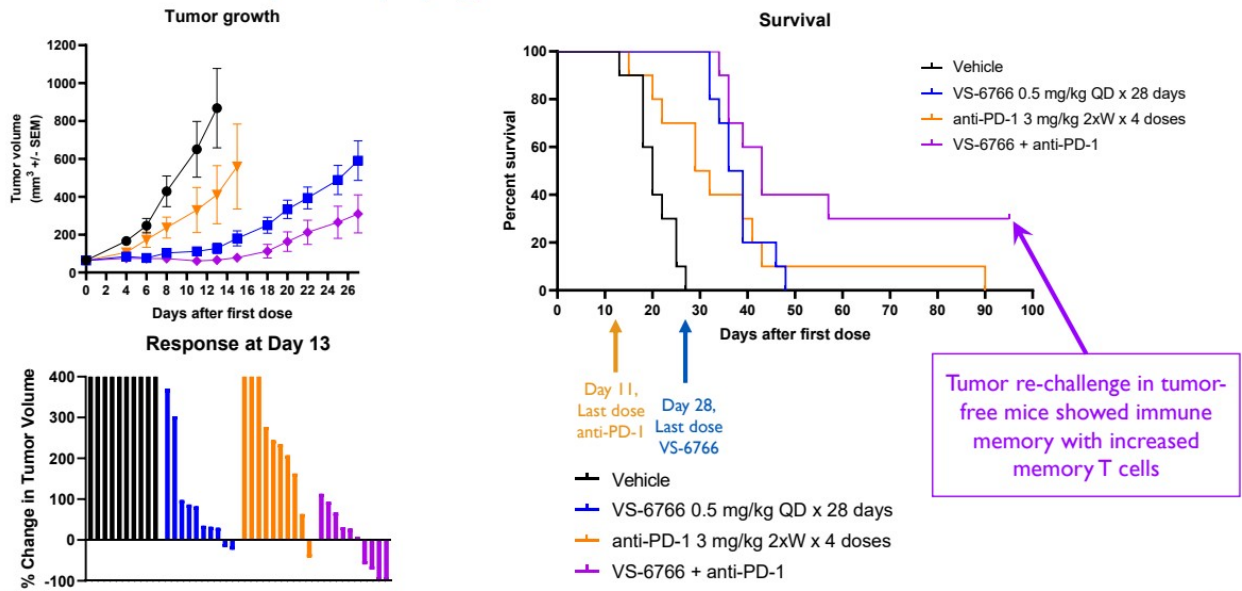
# VS-6766 upregulates MHC Class I antigens on tumor cells: a mechanism for potentiation of I/O efficacy



Cell Line	Tumor type	RAS/RAF mutation status
A549	Lung	KRASmt G12S
TOV21g	Ovarian	KRASmt G13C
SKMEL5	Melanoma	BRAFmt V600E
IGR-1	Melanoma	BRAFmt V600E
WM115	Melanoma	BRAFmt V600E

VS-6766 @ 1  $\mu$ M (except SKMEL5 and IGR-1, 300 nM)

# VS-6766 enhances tumor growth inhibition when combined with anti-PD-1 in the CT26 KRAS (G12D) syngeneic model



## Strong Patent Protection

- COM for VS-6766 to 2027 & defactinib to 2028, Hatch Waxman should extend to 2032
- VS-6766 intermittent dosing regimen until 2038 if granted
- FAK/MEK combination to 2035
- VS-6766/defactinib combination until 2040 if granted
- Method of manufacture for VS-6766 to 2032
- Other activity related to patent protection is ongoing and will continue into the future

## Experienced Senior Management Team



**Brian Stuglik**  
Chief Executive Officer

- Global VP & Chief Marketing Officer – Lilly Oncology
- Founding Member – Proventus Health Solutions



**Daniel Paterson**  
President and Chief Operating Officer

- CEO – The DNA Repair Co. (now On-Q-ity)
- PharMetrics (now IMS), Axion



**Rob Gagnon**  
Chief Business and Financial Officer

- CFO – Harvard Bioscience, Clean Harbors
- VP of Finance – Biogen Idec



**Cathy Carew**  
Chief Organizational Effectiveness Officer

- Principal – HR Collaborative
- Ironwood, ActiveBiotics, Dynogen, Tufts Health Plan



**Jonathan Pachter, Ph.D.**  
Chief Scientific Officer

- Head of Cancer Biology – OSI (now Astellas)
- Schering-Plough



**Louis Denis, M.D.**  
Chief Medical Officer

- CMO, Asana BioSciences
- Boehringer-Ingelheim, Pfizer



**Hagop Youssoufian, MSc, M.D.**  
Head of Medical Strategy

- CMO, BIND Therapeutics, EVP, Progenics,
- CMO & EVP, Ziopharm Oncology, SVP, Imclone



THANK YOU

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## **Verastem Oncology Provides Update on RAMP 201 Study Evaluating VS-6766 ± Defactinib in Low-Grade Serous Ovarian Cancer**

*Interim Analysis Findings Support Continued Evaluation of Both Monotherapy and Combination Therapy*

*Encouraging Efficacy Results Include Independently Confirmed Responses in Both KRAS Mutant and KRAS Wild-Type Tumors with No New Safety Signals Observed*

*Substantial Majority (~80%) of Patients Remain on Therapy; Timing of Go Forward Treatment Regimen Selection Driven by Data Maturity*

**BOSTON – June 06, 2022** – Verastem Oncology (Nasdaq: VSTM), a biopharmaceutical company committed to advancing new medicines for people living with cancer, today announced an update from an interim analysis of its international Phase 2 RAMP 201 trial evaluating VS-6766 ± defactinib in recurrent low-grade serous ovarian cancer (LGSOC), regardless of KRAS status.

Verastem recently completed a planned interim analysis of its RAMP 201 trial with the goal of selecting a go forward treatment regimen of either VS-6766 monotherapy or VS-6766 in combination with defactinib. The analysis indicated encouraging efficacy results with confirmed responses by independent review in patients treated with VS-6766 monotherapy and patients treated with VS-6766 in combination with defactinib. The findings also include confirmed responses by independent review in both KRAS mutant and KRAS wild-type LGSOC. To date, there have been no additional safety signals with a continued favorable safety profile in both the monotherapy and combination treatment arms with approximately 6% of patients discontinuing due to adverse events.

With a substantial majority (approximately 80%) of patients remaining on study treatment with a median duration of follow-up of four months, the Company has concluded that the data from the interim analysis are not mature enough to make a final decision on the go forward treatment regimen at this time and the trial will continue with all four cohorts (VS-6766 ± defactinib in KRAS mutant and KRAS wild type patient populations).

“We are encouraged by the positive anti-tumor activity that we have seen to date in the RAMP 201 trial in patients with both KRAS mutant and KRAS wild-type tumors. We look forward to evaluating a more mature data set and expect to provide an update on progress once the go forward treatment regimen has been determined,” said Brian Stuglik, Chief Executive Officer, Verastem Oncology. “This interim analysis adds to our optimism about the potential for VS-6766 with or without defactinib and our commitment to advancing the first new treatment specifically developed and approved for women with low-grade serous ovarian cancer where a high medical need remains.”

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The Company plans to complete enrollment of all four cohorts of the trial in the second half of this year. Each cohort is expected to have approximately 36 patients for a total of 144 patients.

Both VS-6766 and defactinib are in late-stage development and the combination has received Breakthrough Therapy Designation by the U.S. Food and Drug Administration for the treatment of all patients with recurrent low-grade serous ovarian cancer regardless of KRAS status after one or more prior lines of therapy, including platinum-based chemotherapy.

#### **About the VS-6766/Defactinib Combination**

VS-6766 is a RAF/MEK clamp that induces inactive complexes of MEK with ARAF, BRAF and CRAF potentially creating a more complete and durable anti-tumor response through maximal RAS pathway inhibition. In contrast to currently available MEK inhibitors, VS-6766 blocks both MEK kinase activity and the ability of RAF to phosphorylate MEK. This unique mechanism allows VS-6766 to block MEK signaling without the compensatory activation of MEK that appears to limit the efficacy of other inhibitors. The combination of VS-6766 and FAK inhibitor, defactinib provides RAF/MEK vertical blockade and FAK parallel inhibition to overcome key resistance mechanisms. Both VS-6766 and defactinib are in late-stage development.

Verastem Oncology is conducting Phase 2 registration-directed trials of VS-6766 alone and with defactinib in patients with recurrent LGSOC and in patients with recurrent KRAS G12V-mutant NSCLC as part of its RAMP (**Raf And Mek Program**) clinical trials, RAMP 201 and RAMP 202, respectively ([www.ramp201study.com](http://www.ramp201study.com) and [www.ramp202study.com](http://www.ramp202study.com)). Verastem Oncology has also established clinical collaborations with Amgen, Inc. and Mirati Therapeutics, Inc. to evaluate LUMAKRAS™ (sotorasib) and adagrasib in combination with VS-6766 in KRAS G12C-mutant NSCLC as part of the RAMP 203 and RAMP 204 trials, respectively.

#### **About Low-Grade Serous Ovarian Cancer**

Low-grade serous ovarian cancer is a highly recurrent, chemotherapy-resistant cancer, associated with slow tumor growth and high mortality rate.<sup>1</sup> Approximately 6,000 women in the U.S. and 80,000 worldwide are living with this disease. Mutations in the KRAS gene are present in 35-57% cases of LGSOC.<sup>2</sup> LGSOC is most often diagnosed in women between the ages of 45-55 years and has a median survival of approximately ten years.<sup>2</sup> The majority of patients experience severe pain and complications as the disease progresses. Chemotherapy is the standard of care for this disease, with limited treatment options currently available.<sup>2</sup>

#### **About Verastem Oncology**

Verastem Oncology (Nasdaq: VSTM) is a development-stage biopharmaceutical company committed to the development and commercialization of new medicines to improve the lives of patients diagnosed with cancer. Our pipeline is focused on novel small molecule drugs that inhibit critical signaling pathways in cancer that promote cancer cell survival and tumor growth, including RAF/MEK inhibition and focal adhesion kinase (FAK) inhibition. For more information, please visit [www.verastem.com](http://www.verastem.com).

#### **Forward-Looking Statements Notice**

This press release includes forward-looking statements about Verastem Oncology's strategy, future plans and prospects, including statements related to the potential clinical value of various of its clinical trials, the timing of commencing and completing trials, including topline data reports, and potential for additional development programs involving Verastem Oncology's lead compounds VS-6766 and

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defactinib. The words "anticipate," "believe," "estimate," "expect," "intend," "may," "plan," "predict," "project," "target," "potential," "will," "would," "could," "should," "continue," "can," "promising" and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Each forward-looking statement is subject to risks and uncertainties that could cause actual results to differ materially from those expressed or implied in such statement.

Applicable risks and uncertainties include the risks and uncertainties, among other things, regarding: the success in the development and potential commercialization of our product candidates, including VS-6766 in combination with other compounds, including defactinib, LUMAKRAS™ and others; the occurrence of adverse safety events and/or unexpected concerns that may arise from additional data or analysis or result in unmanageable safety profiles as compared to their levels of efficacy; our ability to obtain, maintain and enforce patent and other intellectual property protection for our product candidates; the scope, timing, and outcome of any legal proceedings; decisions by regulatory authorities regarding labeling and other matters that could affect the availability or commercial potential of our product candidates; whether preclinical testing of our product candidates and preliminary or interim data from clinical trials will be predictive of the results or success of ongoing or later clinical trials; that the timing, scope and rate of reimbursement for our product candidates is uncertain; that third-party payors (including government agencies) may not reimburse; that there may be competitive developments affecting our product candidates; that data may not be available when expected; that enrollment of clinical trials may take longer than expected; that our product candidates will experience manufacturing or supply interruptions or failures; that we will be unable to successfully initiate or complete the clinical development and eventual commercialization of our product candidates; that the development and commercialization of our product candidates will take longer or cost more than planned; that we or Chugai Pharmaceutical Co., Ltd. will fail to fully perform under the VS-6766 license agreement; that we or our other collaboration partners may fail to perform under our collaboration agreements; that we may not have sufficient cash to fund our contemplated operations; that we may be unable to obtain adequate financing in the future through product licensing, co-promotional arrangements, public or private equity, debt financing or otherwise; that Secura Bio, Inc. will achieve the milestones that result in payments to us under our asset purchase agreement with Secura Bio, Inc.; that we will be unable to execute on our partnering strategies for VS-6766 in combination with other compounds; that we will not pursue or submit regulatory filings for our product candidates; and that our product candidates will not receive regulatory approval, become commercially successful products, or result in new treatment options being offered to patients.

Other risks and uncertainties include those identified under the heading "Risk Factors" in the Company's Annual Report on Form 10-K for the year ended December 31, 2021 as filed with the Securities and Exchange Commission (SEC) on March 28, 2022 and in any subsequent filings with the SEC. The forward-looking statements contained in this press release reflect Verastem Oncology's views as of the date hereof, and the Company does not assume and specifically disclaims any obligation to update any forward-looking statements whether as a result of new information, future events or otherwise, except as required by law.

**References:**

<sup>1</sup> Grisham R. Low grade serous carcinoma of the ovary. *Oncology*. 2016; 30(7):650-652. Available at: <https://www.cancernetwork.com/view/low-grade-serous-carcinoma-ovary>. Accessed February 8, 2022

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<sup>2</sup> Slomovitz B, Gourley C, Carey S. M, Malpica A, Shih I, Huntsman D, et al. Low-Grade serous ovarian cancer: State of the Science. *Gynecol Oncol*. 2020;156(3):715-725. <https://doi.org/10.1016/j.ygyno.2019.12.033>.

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