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

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**FORM 8-K**

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

**Date of Report (Date of earliest event reported): January 12, 2020**

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**Syros Pharmaceuticals, Inc.**

(Exact Name of Registrant as Specified in its Charter)

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**Delaware**  
(State or Other Jurisdiction  
of Incorporation)

**001-37813**  
(Commission  
File Number)

**45-3772460**  
(IRS Employer  
Identification No.)

**35 CambridgePark Drive**  
**Cambridge, Massachusetts**  
(Address of Principal Executive Offices)

**02140**  
(Zip Code)

**Registrant's telephone number, including area code: (617) 744-1340**

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

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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 (*see* General Instruction A.2. below):

- 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 or to be 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, \$0.001 par value	SYRS	Nasdaq Global Select 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.

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**Item 7.01 Regulation FD Disclosure**

From time to time, we intend to conduct meetings with third parties in which our current corporate slide presentation is presented. A copy of this slide presentation, dated January 13, 2020, is furnished as Exhibit 99.1 to this Current Report on Form 8-K. The information responsive to Item 7.01 of this Form 8-K and Exhibit 99.1 hereto shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934 (the **Exchange Act**) or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such a filing.

**Item 8.01 Other Events.**

On January 12, 2020, we issued a press release announcing our 2020 business objectives. The full text of this press release is filed as Exhibit 99.2 to this Current Report on Form 8-K and is incorporated herein by reference. The information contained on the websites referenced in the press release is not incorporated herein.

**Item 9.01 Financial Statements and Exhibits.**

<u>Exhibit No.</u>	<u>Description</u>
99.1	<a href="#"><u>Slide presentation dated January 13, 2020</u></a>
99.2	<a href="#"><u>Press release dated January 12, 2020</u></a>

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**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 hereunto duly authorized.

**SYROS PHARMACEUTICALS, INC.**

Date: January 13, 2020

By: /s/ Gerald E. Quirk  
Gerald E. Quirk  
Chief Legal & Administrative Officer

SYR:OS

An Expression Makes a  
World of Difference

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January 13, 2020



## Forward-looking statements

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This presentation contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 that involve substantial risks and uncertainties. All statements, other than statements of historical facts, contained in this presentation, including statements regarding our strategy, research and clinical development plans, collaborations, future operations, future financial position, future revenues, projected costs, prospects, plans and objectives of management, are forward-looking statements. The words "anticipate," "believe," "estimate," "expect," "intend," "may," "plan," "predict," "project," "target," "potential," "will," "would," "could," "should," "continue," and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words.

We may not actually achieve the plans, intentions or expectations disclosed in our forward-looking statements, and you should not place undue reliance on our forward-looking statements. Actual results or events could differ materially from the plans, intentions and expectations disclosed in these forward-looking statements as a result of various important factors, including our ability to: advance the development of our programs, including SY-1425 and SY-5609, under the timelines we project in current and future clinical trials; demonstrate in any current and future clinical trials the requisite safety, efficacy and combinability of our drug candidates; successfully initiate clinical development of SY-5609; replicate scientific and non-clinical data in clinical trials; successfully develop a companion diagnostic test to identify patients with the RARA biomarker; obtain and maintain patent protection for our drug candidates and the freedom to operate under third party intellectual property; obtain and maintain necessary regulatory approvals; identify, enter into and maintain collaboration agreements with third parties, including our ability to perform under our collaboration agreements with Incyte Corporation and Global Blood Therapeutics, Inc.; manage competition; manage expenses; raise the substantial additional capital needed to achieve our business objectives; attract and retain qualified personnel; and successfully execute on our business strategies; risks described under the caption "Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2018 and our Quarterly Report on Form 10-Q for the quarter ended September 30, 2019, each of which is on file with the Securities and Exchange Commission (SEC); and risks described in other filings that we may make with the SEC in the future.

Any forward-looking statements contained in this presentation speak only as of the date this presentation is made, and we expressly disclaim any obligation to update any forward-looking statements, whether because of new information, future events or otherwise.

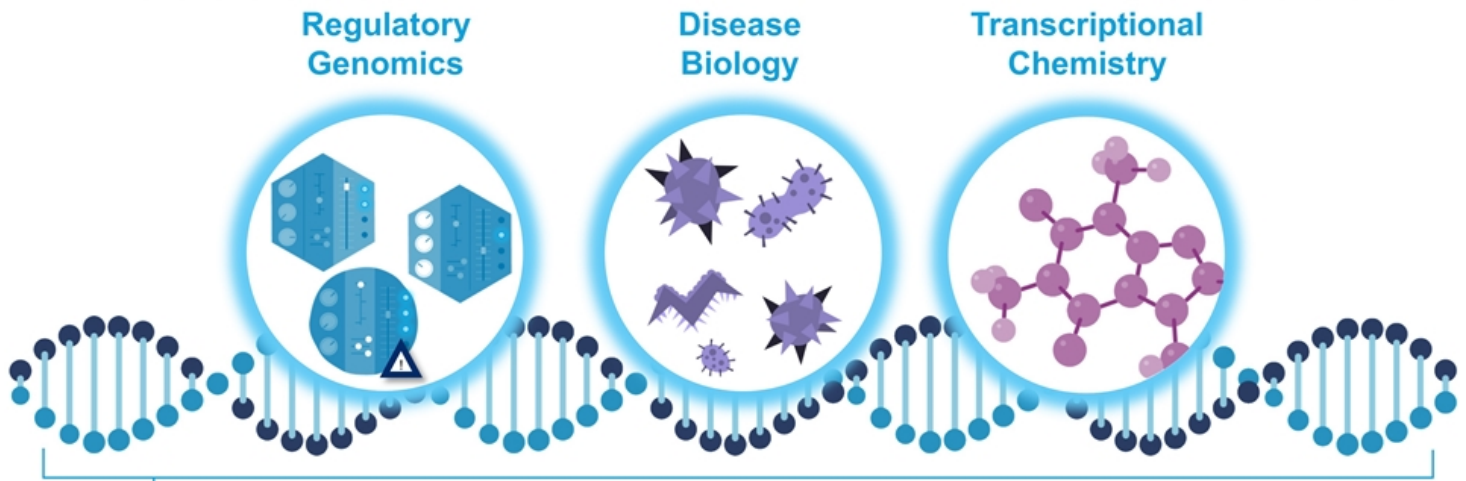
## Our Vision

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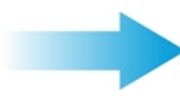
To create unparalleled value for patients, employees and shareholders by creating transformative medicines for severe disease through our world-leading expertise in gene control and our exceptional people and culture



# Redefining the power of small molecules to control expression of genes



**98%** Previously unexplored regulatory regions of the genome control expression of genes determining cell function; majority of disease variation found in these regions



## Patient Impact

Medicines that control the expression of genes to provide profound benefit for patients with severe diseases

## Deep gene control pipeline

Program	Indication	Drug Discovery	IND-Enabling	Early Clinical	Mid-Clinical	Pivotal	Commercial Rights
SY-1425 (RARα agonist)	Newly diagnosed unfit AML						 N. America & Europe
	R/R AML						
SY-5609 (Oral CDK7 inhibitor)	Cancer						
CDK12/13 inhibitor	Cancer						
Macrophage target	Cancer/immune modulation						
LRF & NuRD modulators	Sickle cell disease & beta thalassemia						 Syros US co-promote option
Triplet repeat modulator	Myotonic dystrophy type 1						

SY-1425 is approved in Japan as Amnolake® (tamibarotene) for patients with relapsed/refractory APL





## Our vision for SY-1425 in RARA-positive patients

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### Now

Combination with aza  
Opportunity for rapid  
proof-of concept

### Next

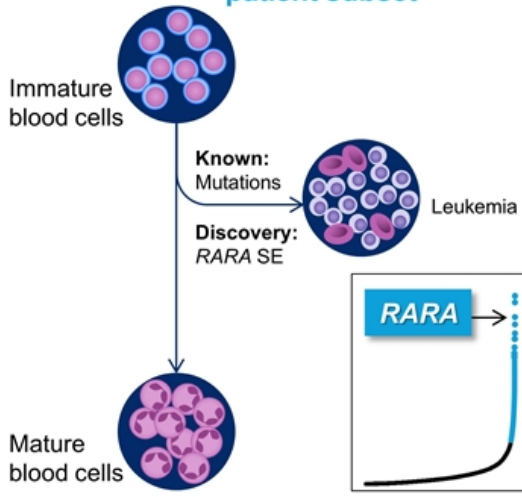
Registration studies for  
aza combo  
Additional combinations  
and RARA-positive  
populations

### Vision

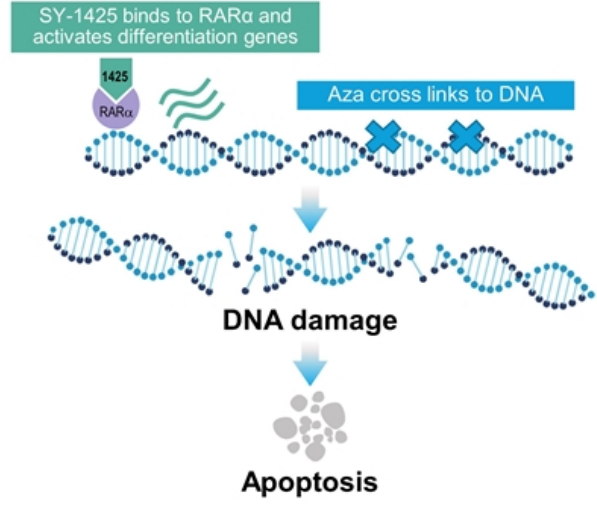
Foundation of care for  
all RARA-positive patients

# Novel combination approach for RARA-positive AML patients

## Gene control platform identifies novel patient subset



## SY-1425 enhances apoptosis preclinically



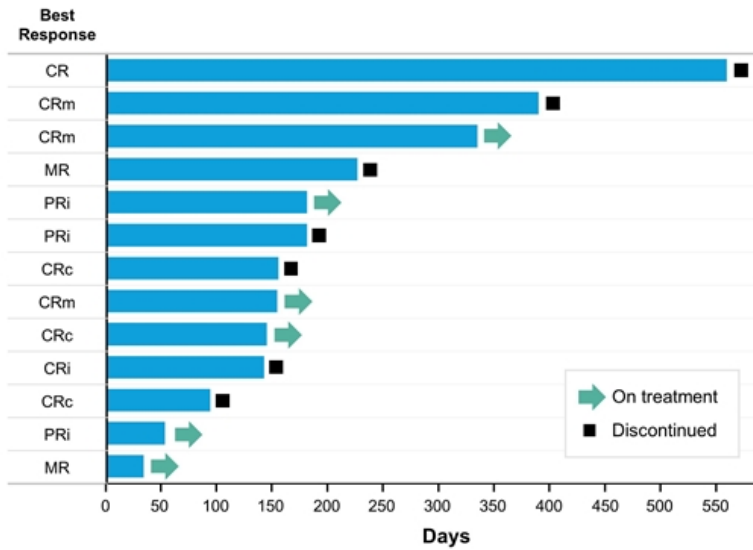
## SY-1425 shows synergy with a range of AML therapies in preclinical studies



Data published in October 2017 in Cancer Discovery

Data published in October 2018 in Haematologica

# SY-1425 in combination with azacitidine shows high complete response rates, deep CRs and rapid onset of action in RARA-positive AML patients



**62%**  
CR/CRi Rate (n=13)

**54%**  
CR Rate (n=13)

**82%**  
Transfusion independence (n=11)

**1 month**  
Time to response

86% of CRs were deep molecular or cytogenetic CRs  
 Duration of response up to 344 days, with three CRs lasting more than seven months as of data cut-off



Data published in October 2019 at ESH

## Combination has been generally well-tolerated with no evidence of increased toxicities

Preferred Term	All Grades N = 40 n (%)	≥ Grade 3 N = 40 n (%)
Patients with an AE	40 (100)	29 (73)
<b>Hematologic</b>		
Thrombocytopenia	11 (28)	10 (25)
Anemia	9 (23)	9 (23)
Febrile neutropenia	9 (23)	9 (23)

AEs consistent with single-agent SY-1425 or azacitidine in AML

Rates of myelosuppression comparable to reports of single-agent azacitidine

Majority of non-hematologic AEs were low grade

Preferred Term	All Grades N = 40 n (%)	≥ Grade 3 N = 40 n (%)
Patients with an AE	40 (100)	29 (73)
<b>Non-Hematologic</b>		
Nausea	15 (38)	0 (0)
Decreased appetite	15 (38)	3 (8)
Constipation	13 (33)	0 (0)
Fatigue	13 (33)	5 (13)
Edema peripheral	12 (30)	0 (0)
Diarrhea	11 (28)	1 (3)
Pyrexia	11 (28)	2 (5)
Hypertriglyceridemia	11 (28)	6 (15)
Dizziness	10 (25)	0 (0)
Arthralgia	9 (23)	1 (3)
Dyspnea	9 (23)	2 (5)
Dry skin	9 (23)	0 (0)
Rash	9 (23)	1 (3)
Pruritus	8 (20)	0 (0)



Data published in October 2019 at ESH

## Deep CRs and high CR rates in RARA-positive patients support RARA as the optimal biomarker for patient selection

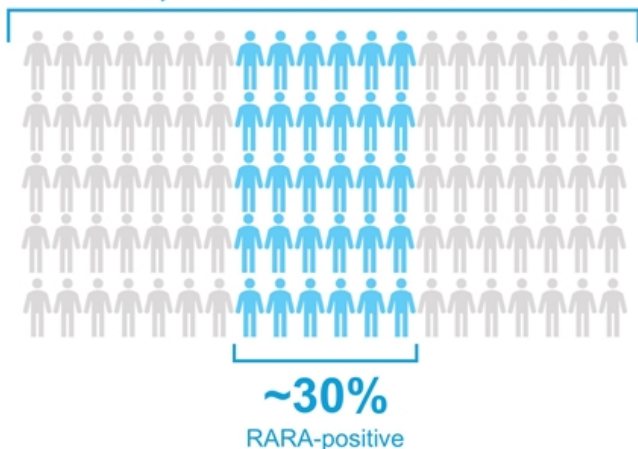
Best IWG Response	RARA Positive n (%)	RARA Negative n (%)
Response Evaluable	13	22
ORR	8 (62)	8 (36)
CR/CRi	8 (62)	6 (27)
CR	7 (54)	3 (14)
CRm	3 (23)	0 (0)
CRc	3 (23)	3 (14)
CRi	1 (8)	3 (14)

- 27% CR/CRi rate in RARA-negative consistent with single-agent azacitidine<sup>1</sup>
- RARA is not a prognostic biomarker in AML, based on analyses of TCGA, BeatAML and company data
- RARA does not appear to enrich for genes that may be associated with responsiveness to azacitidine

# Significant need for well-tolerated oral therapies that improve outcomes and quality of life

Fast-growing AML market is projected to be ~ \$1 billion this year

~30,000 AML patients in US and EU5



## R/R AML

- Clinical trials are preferred treatment strategy
- Recently approved therapies target limited patient subsets, with composite CR rates in 20-35% range and duration of 4-8 months
- Survival remains low at < 6 months

## Newly diagnosed AML

- >50% newly diagnosed patients are elderly/unfit
- Combinations emerging as standard-of-care
  - Despite high CR rates, duration of response limited



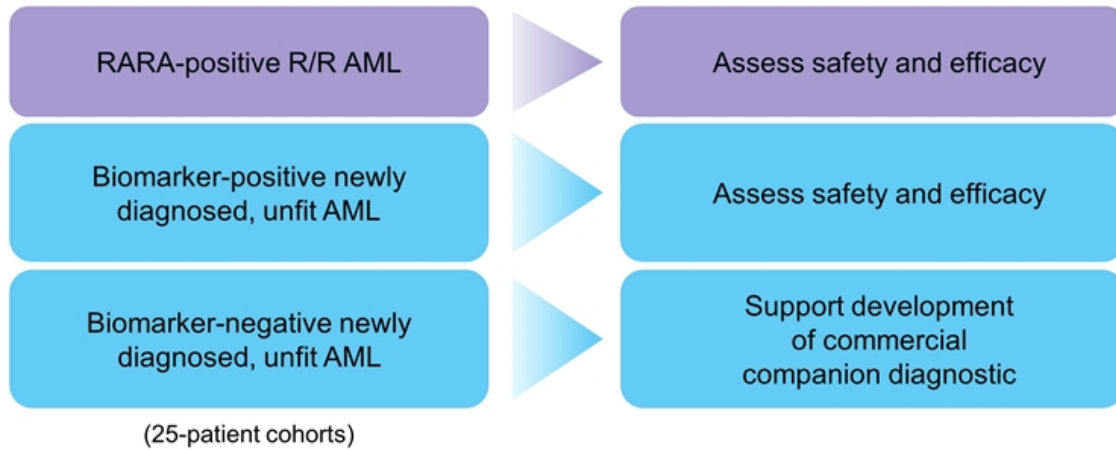
Sources: Annual sales forecast and 2018 incidence in the U.S. and the EU 5 (UK, Germany, France, Spain and Italy) from Decision Resources Group; Prevalence of RARA-positive AML patients based on data from 350 patients screened as of September 2019 in our ongoing Phase 2 clinical trial of SY-1425; NCCN guidelines AML (Feb 2018); Clinical Lymphoma, Myeloma & Leukemia, 16:625-36 (2016); Blood 120:2454-2465 (2012); Ivosidenib, enasidenib & gilteritinib USPIs.

## Ongoing Phase 2 trial with opportunity for rapid proof-of-concept

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- Potential proof-of-concept data in relapsed or refractory AML expected in Q4 2020
- Enrollment complete in newly diagnosed unfit cohorts; mature data expected in Q4 2020

### Phase 2 clinical trial design



## Our vision for selective CDK7 inhibition in difficult-to-treat cancers

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### Now

Advancing SY-5609 into clinical development

### Next

Initial data from Phase 1  
Explore combinations

### Vision

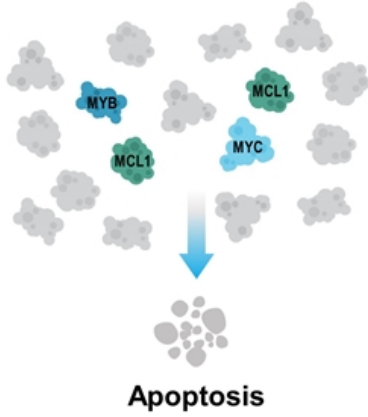
Transformative targeted approach for difficult-to-treat solid tumors and blood cancers



# Selective CDK7 inhibition attacks two fundamental processes in cancer

## Transcription

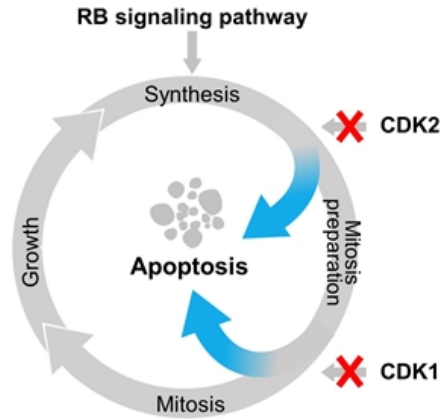
Selectively inhibiting CDK7 has been shown preclinically to decrease expression of oncogenic transcription factors and anti-apoptotic proteins



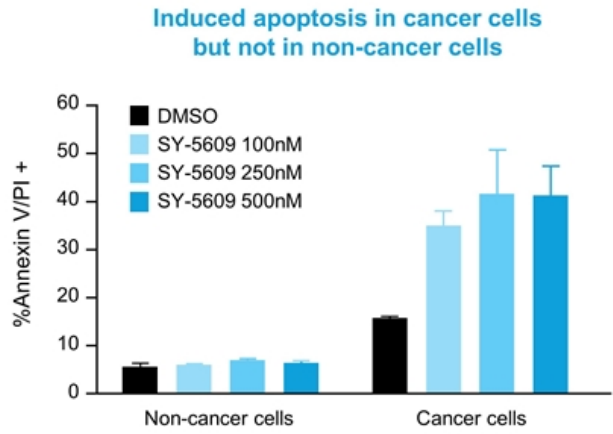
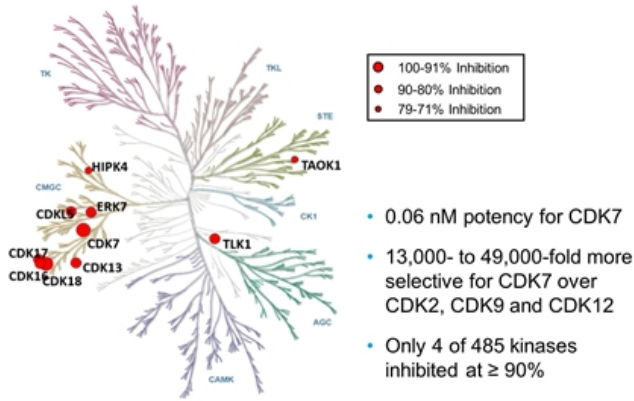
## CDK7

## Cell cycle

Selectively inhibiting CDK7 is thought to interfere with cancer-driving adaptations at multiple points in the cell cycle, promoting the induction of apoptosis



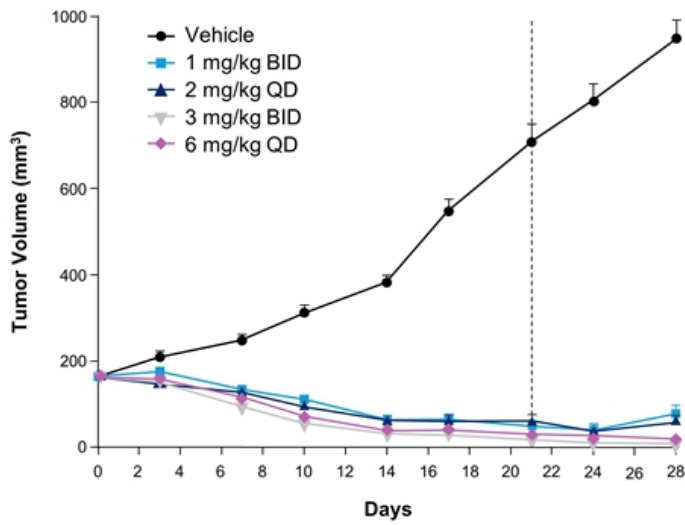
# SY-5609: A highly selective oral CDK7 inhibitor with best-in-class potential



Data presented in October 2019 at EORTC-NCI-AACR Conference

# Tumor growth inhibition observed below MTD in preclinical models

## Triple negative breast cancer model

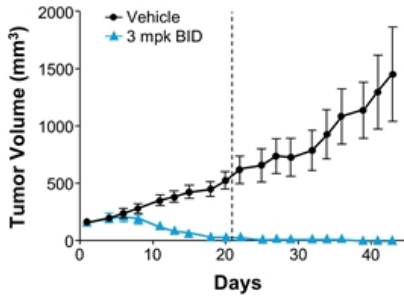


- Regressions observed at 5-fold below MTD of  $\geq 10$  mg/kg QD

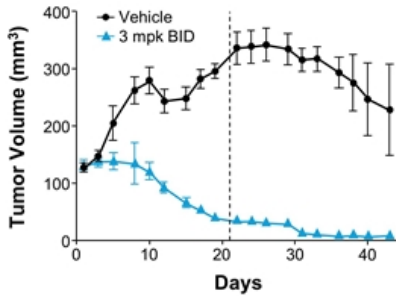
----- Dashed lines represent end of treatment

# Robust anti-tumor activity, including complete regressions, in preclinical models of multiple solid tumors

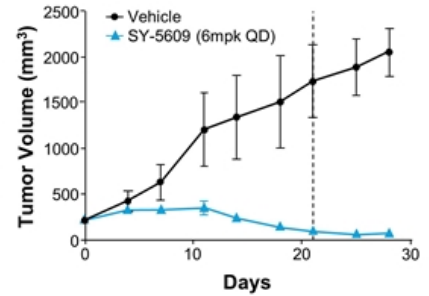
### Small-cell lung cancer model



### High-grade serous ovarian cancer model



### Colorectal cancer model



**100%** (12/12) models tested demonstrated substantial tumor growth inhibition

**58%** (7/12) demonstrated deep and sustained regressions

Internal company data

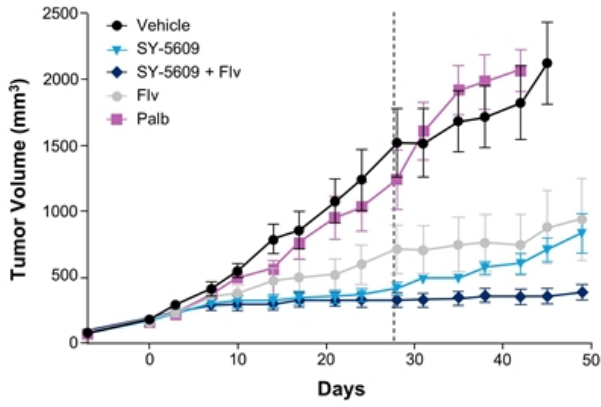


Data presented in October 2019 at EORTC-NCI-AACR Conference

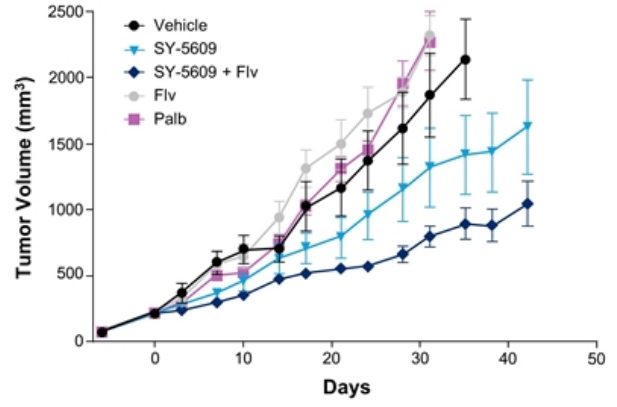
----- Dashed lines represent end of treatment

# Robust responses in preclinical treatment-resistant ER+ breast cancer models

CDK4/6 inhibitor resistant model



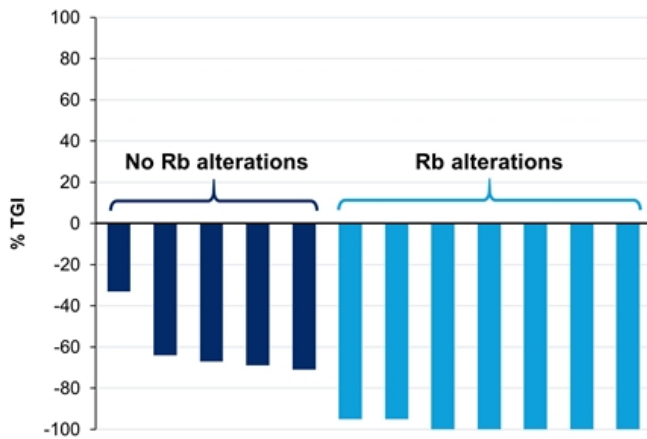
CDK4/6 inhibitor and hormonal resistant model



Palb: palbociclib, 50mg/kg once daily, oral; Flv: fulvestrant, 2.5mg/kg once weekly, sub-cutaneous, SY-5609: 6 mg/kg once daily, oral

# Deeper and more sustained responses associated with Rb alterations in preclinical studies of breast, lung and ovarian cancers

Tumor growth inhibition in all breast, lung and ovarian cancer PDX models tested



Supports planned Phase 1 trial enriched for populations with Rb alterations

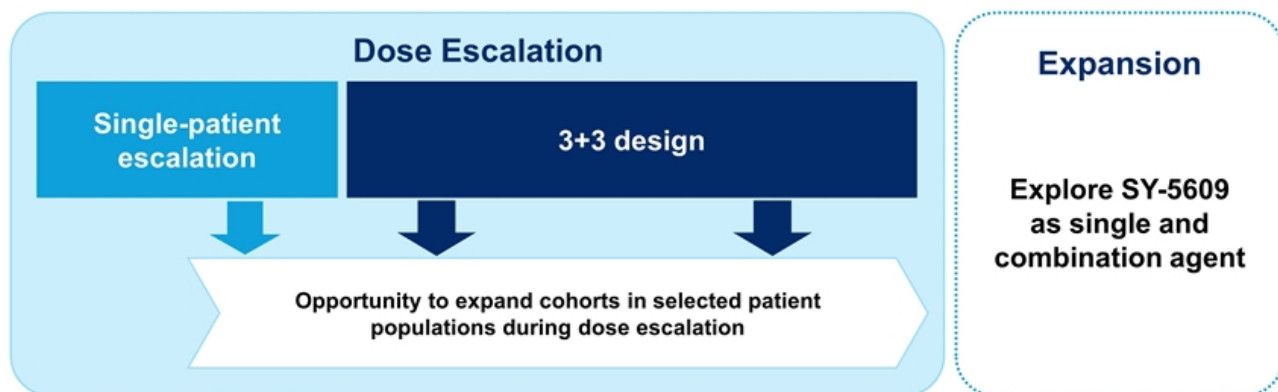
- 29% of basal breast cancer patients<sup>1</sup>
- ~1/3 of HR+ breast cancer patients post CDK4/6 inhibitors<sup>2</sup>
- 75-90% of small cell lung cancer patients<sup>3</sup>
- 67% of high-grade serous ovarian cancer patients<sup>4</sup>



Data presented in October 2019 at EORTC-NCI-AACR Conference

<sup>1</sup>TCGA Breast Cancer Integrated Analysis, Nature 2012  
<sup>2</sup>Spring et al., San Antonio Breast Cancer Symposium 2018  
<sup>3</sup>Cancer Med. 2019 Apr; 8(4): 1459-146  
<sup>4</sup>TCGA Ovarian Cancer Integrated Analysis, Nature 2011

## Expect to initiate Phase 1 trial in select solid tumors in Q1 2020



- Focused on breast, lung, colorectal and ovarian cancers and any solid tumors with Rb alterations
- PK/PD guided dose escalation
- Initial safety, tolerability and PK/PD data expected in Q4 2020
- Additional dose escalation data, including clinical activity, expected in mid-2021

## Robust early-stage pipeline to fuel long-term growth

Therapeutic Area	Program	Target Development	Drug Discovery	IND-Enabling	Commercial Rights
Cancer	CDK12/13 inhibitor				SYROS
	Target 1				SYROS
	Target 2				SYROS
	Target 3				SYROS
	Myeloproliferative neoplasms				Incyte
Cancer/Immune modulation	Macrophage target				SYROS
Monogenic Disease	Sickle cell disease & beta thalassemia				GBT Syros US co-promote option
	Myotonic dystrophy type 1				SYROS

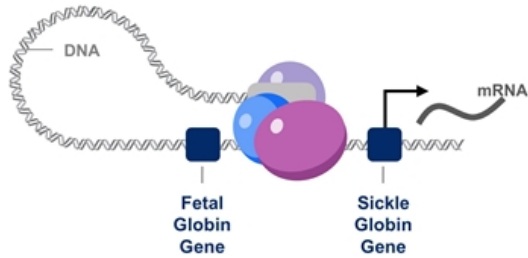




# Discovering an oral medicine to turn on fetal globin gene with aim of providing a functional cure for sickle cell disease and beta thalassemia

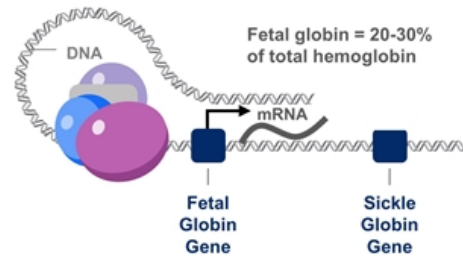
## Clinical and genetic data point to therapeutic benefit of elevated fetal globin

- SCD and beta thalassemia caused by mutated adult globin gene
- Fetal globin gene typically turned off at birth
- In some SCD and beta thalassemia patients, fetal globin stays on and is associated with milder disease



## Using gene control platform to elevate fetal globin expression

- Characterized transcriptional programs that determine globin expression in fetal and adult states
- Identified and targeting LRF and components of the NuRD complex with small molecules



## Expanding our efforts in sickle cell disease and beta thalassemia through collaboration with Global Blood Therapeutics

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- \$20 million upfront
- Up to \$40 million in preclinical research funding over at least three years
- Up to \$315 million in option exercise fee and milestone payments per product
- Mid- to high-single digit royalties on sales
- Option to co-promote first product in US



- Option to obtain exclusive worldwide license to products resulting from the collaboration
- Responsible for clinical development, manufacturing and commercialization



## Milestones expected in 2020 and 2021

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SY-1425	Potential POC in relapsed or refractory AML	<b>Q4 2020</b>
	Mature data in newly diagnosed unfit AML	<b>Q4 2020</b>
SY-5609	Initiate Phase 1 trial	<b>Q1 2020</b>
	Initial safety, tolerability and PK/PD data	<b>Q4 2020</b>
	Additional dose escalation data, including clinical activity	<b>mid-2021</b>
Discovery	Name next development candidate	<b>end 2021</b>
	Robust early-stage pipeline development	<b>Ongoing</b>

# Rapidly advancing toward our vision

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## Now

- Driving SY-1425 and SY-5609 to key clinical milestones
- Investing in discovery to support goal of one IND every other year
- Capital to fund planned operations into Q4 2021

## Next

- Progressing to pivotal development
- Advancing multiple programs in clinic
- Preparing for commercial launch
- Continued investment in discovery

## Vision

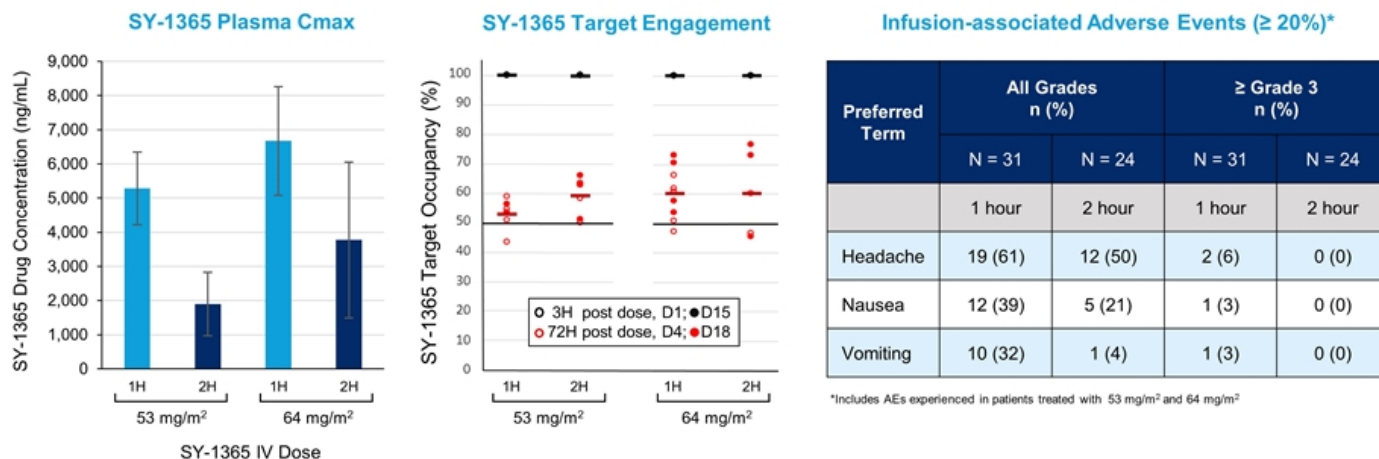
Fully integrated company with medicines that provide a profound benefit for patients

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## Appendix

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# Peri-infusional AEs in Phase 1 trial were associated with peak blood SY-1365 concentrations and not CDK7 target engagement

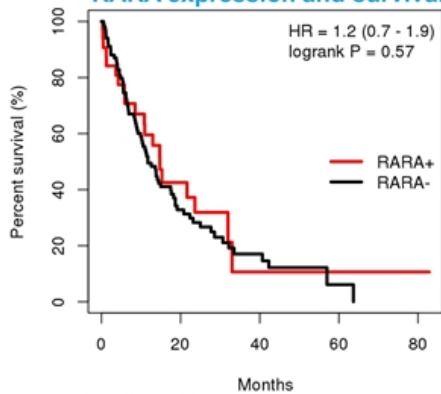


Longer infusions maintained CDK7 target engagement while lowering peak drug concentrations and decreasing frequency and severity of peri-infusional AEs



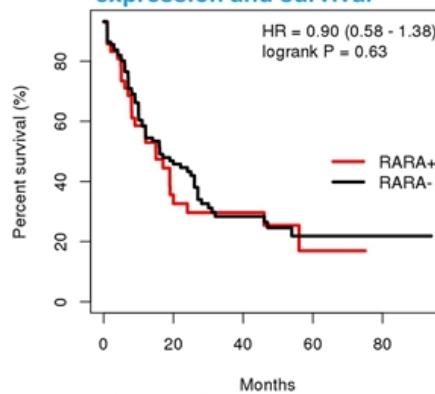
# RARA is not a prognostic biomarker in AML patients

**Analysis of BeatAML Registry  
RARA expression and survival<sup>1</sup>**



	Number at risk				
	0	20	40	60	80
RARA+	32	9	2	1	1
RARA-	101	30	10	2	0

**Analysis of TCGA RARA  
expression and survival<sup>2</sup>**



	Number at risk				
	0	20	40	60	80
RARA+	43	16	10	4	1
RARA-	118	45	20	13	4

- Independent analyses of BeatAML<sup>1</sup>, TCGA<sup>2</sup>, and AML patient sample analyses<sup>3</sup> show that prognosis is similar regardless of levels of RAR $\alpha$  expression

<sup>1</sup> Tyner et al., Functional Genomic Landscape of Acute Myeloid Leukaemia, Nature 2018

<sup>2</sup> TCGA Research Network, Genomic and Epigenomic Landscapes of Adult De Novo Acute Myeloid Leukemia, NEJM 2013; Expression and survival data from PanCancerAtlas portal on GDC; <https://gdc.cancer.gov/about-data/publications/pancanatlas>

<sup>3</sup> McKeown et al., Superenhancer Analysis Defines Novel Epigenomic Subtypes of Non-APL AML, Including an RAR $\alpha$  Dependency Targetable by SY-1425, a Potent and Selective RAR $\alpha$  Agonist, Cancer Discovery 2017

SYR·S





### Syros Announces Strategic Priorities and Expected Milestones

*Potential Proof-of-Concept Data for SY-1425 in Combination with Azacitidine in RARA-Positive Relapsed or Refractory AML Patients Expected in Fourth Quarter of 2020*

*Mature Data for SY-1425 in Combination with Azacitidine in RARA-Positive Newly Diagnosed Unfit AML Patients Expected in Fourth Quarter of 2020*

*Phase 1 Trial of SY-5609 On Track to Begin in First Quarter of 2020; Initial Dose Escalation Data Expected in Fourth Quarter of 2020*

CAMBRIDGE, Mass., January 12, 2020 – Syros Pharmaceuticals (NASDAQ: SYRS), a leader in the development of medicines that control the expression of genes, today outlined its strategic priorities and expected upcoming milestones.

“2019 was marked by significant progress across our pipeline, as Syros redefines the power of small molecules to control the expression of genes,” said Nancy Simonian, M.D., Syros’ Chief Executive Officer. “We shared promising clinical data for SY-1425 in newly diagnosed unfit RARA-positive AML patients, as well as exciting preclinical data for SY-5609 that speak to its potential as a best-in-class oral CDK7 inhibitor. We ended the year on a strong note, entering into a collaboration with Global Blood Therapeutics that allows us to expand and accelerate our efforts to bring an oral medicine to market that may provide a functional cure for people living with sickle cell disease or beta thalassemia.”

“We are excited to build on this progress in 2020, with multiple milestones expected across our clinical and discovery-stage pipeline,” Dr. Simonian continued. “We look forward to advancing SY-5609 into clinical development in the first quarter, and to reporting clinical data for both SY-1425 and SY-5609, including potential proof-of-concept data for SY-1425 in RARA-positive relapsed or refractory AML patients, in the fourth quarter. In parallel, we continue to advance our discovery pipeline in cancer and monogenic disease areas where we believe we have the potential to deliver transformative gene control medicines for diseases that have eluded other genomics-based approaches.”

#### Expected Clinical Milestones

##### SY-1425

- Report potential proof-of-concept data in fourth quarter of 2020 from ongoing Phase 2 trial cohort evaluating SY-1425 in combination with azacitidine in RARA-positive relapsed or refractory acute myeloid leukemia (AML) patients.
- Report mature data in fourth quarter of 2020 from fully enrolled Phase 2 trial cohorts evaluating SY-1425 in combination with azacitidine in newly diagnosed AML patients who are not suitable candidates for standard chemotherapy.

- Initiate Phase 1 trial of SY-5609 in first quarter of 2020 in patients with breast, colorectal, lung and ovarian cancers, as well as in patients with solid tumors of any histology harboring Rb pathway alterations.
- Report initial safety, tolerability, pharmacokinetic and pharmacodynamic data in fourth quarter of 2020 from dose escalation portion of Phase 1 trial.
- Report additional dose escalation data, including clinical activity data, in mid-2021.

#### *Preclinical Pipeline*

- Syros expects to nominate its next development candidate by the end of 2021.

Syros also announced today that the Company's second monogenic disease program is in myotonic dystrophy type 1.

#### **Financial Guidance**

Based on its current operating plans, Syros expects that its existing cash, cash equivalents and marketable securities are sufficient to fund its anticipated operating expenses and capital expenditure requirements into the fourth quarter of 2021 through key clinical milestones for both SY-1425 and SY-5609.

#### **About Syros Pharmaceuticals**

Syros is redefining the power of small molecules to control the expression of genes. Based on its unique ability to elucidate regulatory regions of the genome, Syros aims to develop medicines that provide a profound benefit for patients with diseases that have eluded other genomics-based approaches. Syros is advancing a robust pipeline, including SY-1425, a first-in-class oral selective RAR $\alpha$  agonist in a Phase 2 trial in a genomically defined subset of acute myeloid leukemia patients, and SY-5609, a highly selective and potent oral CDK7 inhibitor expected to enter a Phase 1 trial in cancer in the first quarter of 2020. Syros also has multiple preclinical and discovery programs in oncology and monogenic diseases. For more information, visit [www.syros.com](http://www.syros.com) and follow us on Twitter (@SyrosPharma) and LinkedIn.

#### **Cautionary Note Regarding Forward-Looking Statements**

This press release contains forward-looking statements within the meaning of The Private Securities Litigation Reform Act of 1995, including without limitation statements regarding the timing for reporting and the quality of data from the ongoing clinical evaluating SY-1425 in combination with azacitidine in AML patients, the initiation of a Phase 1 clinical trial of SY-5609 in the first quarter and the timing for reporting data from this trial, the ability to bring an oral medicine to market that provides a functional cure for sickle cell disease or beta thalassemia patients, the advancement of the Company's preclinical and discovery programs, the timing for nomination of the Company's next development candidate, and the sufficiency of the Company's capital resources to fund operating expense and capital expenditure requirements into the fourth quarter of 2021 through key clinical milestones. The words "anticipate," "believe," "continue," "could," "estimate," "expect," "hope," "intend," "may," "plan," "potential," "predict," "project," "target,"

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“should,” “would,” and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Actual results or events could differ materially from the plans, intentions and expectations disclosed in these forward-looking statements as a result of various important factors, including Syros’ ability to: advance the development of its programs, including SY-1425 and SY-5609, under the timelines it projects in current and future clinical trials; demonstrate in any current and future clinical trials the requisite safety, efficacy and combinability of its drug candidates; successfully initiate clinical development of SY-5609; replicate scientific and non-clinical data in clinical trials; successfully develop a companion diagnostic test to identify patients with the RARA biomarker; obtain and maintain patent protection for its drug candidates and the freedom to operate under third party intellectual property; obtain and maintain necessary regulatory approvals; identify, enter into and maintain collaboration agreements with third parties, including its ability to perform under its collaboration agreements with Incyte Corporation and Global Blood Therapeutics; manage competition; manage expenses; raise the substantial additional capital needed to achieve its business objectives; attract and retain qualified personnel; and successfully execute on its business strategies; risks described under the caption “Risk Factors” in Syros’ Annual Report on Form 10-K for the year ended December 31, 2018 and Quarterly Report on Form 10-Q for the quarter ended September 30, 2019, each of which is on file with the Securities and Exchange Commission; and risks described in other filings that Syros makes with the Securities and Exchange Commission in the future. Any forward-looking statements contained in this press release speak only as of the date hereof, and Syros expressly disclaims any obligation to update any forward-looking statements, whether because of new information, future events or otherwise.

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