

May 16, 2018



Syros to Present on Design of Ongoing Phase 1 Clinical Trial of SY-1365 at Upcoming ASCO Annual Meeting

CAMBRIDGE, Mass.--(BUSINESS WIRE)-- [Syros Pharmaceuticals](#) (NASDAQ: SYRS), a biopharmaceutical company pioneering the discovery and development of medicines to control the expression of genes, today announced that the Company will present on the design of its Phase 1 clinical trial of SY-1365, a first-in-class selective cyclin-dependent kinase 7 (CDK7) inhibitor, at the American Society of Clinical Oncology (ASCO) Annual Meeting taking place June 1-5, 2018 in Chicago.

The Phase 1 trial is currently enrolling advanced solid tumor patients in the dose-escalation portion of the trial, with planned expansion cohorts to further evaluate SY-1365 as a single agent and in combination with standard-of-care therapies in multiple ovarian and breast cancer patient populations. Syros expects to open the expansion phase of the trial in mid-2018 and to report data from the dose-escalation portion of the trial in the fourth quarter of 2018.

Details on the presentations are as follows:

Date & Time: Monday, June 4, 8:00 a.m. – 11:30 a.m. CDT

Presentation Title: Trial Design of a First-in-Human Phase 1 Evaluation of SY-1365, a First-in-

Class Selective CDK7 Inhibitor, with Initial Expansions in Ovarian and Breast Cancers

Session Title: Developmental Therapeutics—Clinical Pharmacology and Experimental Therapeutics

Presenter: Geoffrey Shapiro, M.D., Ph.D., Dana-Farber Cancer Institute

Abstract Number: TPS2600

Location: McCormick Place, Hall A

About Syros Pharmaceuticals

Syros is pioneering the understanding of the non-coding region of the genome to advance a new wave of medicines that control expression of genes. Syros has built a proprietary platform that is designed to systematically and efficiently analyze this unexploited region of DNA in human disease tissue to identify and drug novel targets linked to genomically defined patient populations. Because gene expression is fundamental to the function of all cells, Syros' gene control platform has broad potential to create medicines that achieve profound and durable benefit across a range of diseases. Syros is currently focused on cancer and monogenic diseases and is advancing a growing pipeline of gene control medicines. Syros' lead drug candidates are SY-1425, a selective RAR α agonist in a Phase 2 clinical trial for genomically defined subsets of patients with acute myeloid leukemia and myelodysplastic syndrome, and SY-1365, a selective CDK7 inhibitor in a Phase 1 clinical trial for patients with advanced solid tumors. Led by a team with deep experience in drug discovery, development

and commercialization, Syros is located in Cambridge, Mass.

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 Company's ability to open the expansion phase of the Phase 1 clinical trial of SY-1365 in ovarian and breast cancer in mid-2018 and to report data from the dose escalation portion of the trial in the fourth quarter of 2018, and the benefits of Syros' gene control platform. The words "anticipate," "believe," "continue," "could," "estimate," "expect," "intend," "may," "plan," "potential," "predict," "project," "target," "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-1365, 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; replicate scientific and non-clinical data in clinical trials; successfully develop a companion diagnostic test to identify patients with predictive biomarkers; 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 the collaboration agreement with Incyte; 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, 2017, as updated in its Quarterly Report on Form 10-Q for the quarter ended March 31, 2018, 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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