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): March 13, 2017

Agios Pharmaceuticals, Inc.

(Exact Name of Registrant as Specified in Charter)

Delaware (State or Other Jurisdiction of Incorporation) 001-36014 (Commission File Number) 26-0662915 (IRS Employer Identification No.)

02139 (Zip Code)

Registrant's telephone number, including area code: (617) 649-8600

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

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

88 Sidney Street, Cambridge, MA

(Address of Principal Executive Offices)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

D Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

D Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01 Other Events.

On March 13, 2017, Agios Pharmaceuticals, Inc. (the "Company") issued a press release announcing that Celgene Corporation ("Celgene") has designated the development candidate focused on methylthioadenosine phosphorylase ("MTAP") deleted cancers as a development candidate under the master research and collaboration agreement between the Company and Celgene, dated May 17, 2016 (the "Agreement"). Under the terms of the Agreement, Celgene will pay Agios an \$8 million designation fee for the MTAP pathway program, which the Company expects to receive in the second quarter of 2017. The full text of the press release issued in connection with this announcement is attached as Exhibit 99.1 to this Current Report on Form 8-K and incorporated herein by reference.

The Company expects that the \$8 million designation fee will be deferred and allocated among its performance obligations, identified as part of the Agreement, and recognized in proportion to the Company's satisfaction of each performance obligation. The last of these performance obligations are expected to be fully satisfied in the fourth quarter of 2022.

Item 9.01 Financial Statements and Exhibits.

(d) The following exhibits are included in this report:

Exhibit No.	Description
99.1	Press release issued by Agios Pharmaceuticals, Inc. on March 13, 2017.

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.

Date: March 13, 2017

AGIOS PHARMACEUTICALS, INC.

By: /s/ David P. Schenkein

David P. Schenkein, M.D. President and Chief Executive Officer

EXHIBIT INDEX

Exhibit No.Description99.1Press release issued by Agios Pharmaceuticals, Inc. on March 13, 2017.



Agios Announces MTAP Pathway Research Program as Development Program and Development Candidate Under Master Research and Collaboration Agreement with Celgene

- Investigational New Drug (IND) Submission Expected by Year End 2017 -

CAMBRIDGE, Mass., March 13, 2017 — Agios Pharmaceuticals, Inc. (NASDAQ: AGIO) today announced that Celgene Corporation has designated the development candidate focused on MTAP (methylthioadenosine phosphorylase) deleted cancers as a development candidate under the master research and collaboration agreement (the "Agreement") dated May 17, 2016.

Under the terms of the Agreement, Celgene will pay Agios an \$8 million designation fee for the MTAP pathway program. Exploratory research, drug discovery and early development on the MTAP pathway program is led by Agios, and Celgene will have an opt-in right on the program up through Phase 1 dose escalation for at least a \$30 million fee. Upon opt-in, Celgene and Agios will have global co-development and co-commercialization rights with a worldwide 50/50 cost and profit share on the MTAP pathway program, and Agios will be eligible for up to \$169 million in clinical and regulatory milestone payments.

"We are pleased that Celgene has designated this fourth development candidate discovered and developed at Agios since the beginning of our research collaboration with them in 2010," said Scott Biller, Ph.D., chief scientific officer at Agios. "We have clearly demonstrated our ability to translate novel Agios discoveries into important precision medicines in areas of high unmet need with our IDH portfolio. We look forward to exploring the potential of our MTAP program in patients following our expected IND submission by the end of this year."

MTAP-deletions are present in approximately 15 percent of all cancers. As described in a 2016 Cell Reports publication, Agios discovered a novel pathway in MTAP-deleted tumors which, when inhibited, results in robust anti-tumor activity in animal models. This pathway can be modulated by small molecule inhibitors, as demonstrated in a preclinical data presentation at the Keystone Tumor Metabolism meeting in Whistler, British Columbia on March 9, 2016. The presentation can be found under Publications in the Research section of the Agios website (www.agios.com).

The \$8 million designation fee is expected to be received in the second quarter of 2017.

About Agios

Agios is focused on discovering and developing novel investigational medicines to treat cancer and rare genetic diseases through scientific leadership in the field of cellular metabolism. In addition to an active research and discovery pipeline across both therapeutic areas, Agios has multiple first-in-class investigational medicines in clinical and/or preclinical development. All Agios programs focus on genetically identified patient populations, leveraging our knowledge of metabolism, biology and genomics. For more information, please visit the company's website at www.agios.com.



About Agios/Celgene Collaboration

Enasidenib and AG-881 are part of Agios' global strategic collaboration with Celgene Corporation focused on cancer metabolism. Under the terms of the 2010 collaboration agreement, Celgene has worldwide development and commercialization rights for enasidenib. Agios continues to conduct clinical development activities within the enasidenib development program and is eligible to receive reimbursement for those development activities and up to \$95 million in remaining payments assuming achievement of certain milestones and royalties on net sales. Celgene and Agios intend to co-commercialize enasidenib in the U.S. Celgene will reimburse Agios for costs incurred for its co-commercialization efforts. For AG-881, the companies have a joint worldwide development and 50/50 profit share collaboration, and Agios is eligible to receive regulatory milestone payments of up to \$70 million. The program focused on MTAP deleted cancers is part of a 2016 global co-development and co-commercialization agreement with Celgene focused on metabolic immuno-oncology. Celgene has the option to participate in a worldwide 50/50 cost and profit share with Agios, under which Agios is eligible for up to \$169 million in clinical and regulatory milestone payments for the program.

Agios 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. Such forward-looking statements include those regarding the Agios' plans, strategies and expectations for its and its collaborator's preclinical, clinical and commercial advancement of its drug development programs; the potential benefits of Agios' product candidates; and the potential benefit of its strategic plans and focus. The words "anticipate," "believe," "estimate," "expect," "intend," "may," "plan," "predict," "project," "would," "could," "potential," "possible," "hope," "strategy," "milestone," "will," and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Such statements are subject to numerous important factors, risks and uncertainties that may cause actual events or results to differ materially from Agios' current expectations and beliefs. For example, there can be no guarantee that any product candidate Agios or its collaborator, Celgene, is developing will successfully continue. There can be no guarantee that any product candidate Agios' business will result in stock price appreciation. Management's expectations and, therefore, any forward-looking statements in this press release could also be affected by risks and uncertainties relating to a number of other important factors, including: Agios' results of clinical trials and preclinical studies, including subsequent analysis of existing data and new data received from ongoing and future studies; the content and timing of decisions made by the U.S. FDA and other regulatory authorities, investigational review bodies; Agios' ability to obtain and maintain requisite regulatory approvals and to enroll patients in its planned clinical trials; unplanned cash requirements and expenditures; competitive factors; Agios' ability to obtain, maintain and enforce patent and other intellectual property protection for any product



candidates it is developing; Agios' ability to maintain key collaborations, such as its agreements with Celgene; and general economic and market conditions. These and other risks are described in greater detail under the caption "Risk Factors" included in Agios' Annual Report on Form 10-K for the year ended December 31, 2016, and other filings that Agios may make 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 Agios expressly 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.

Contacts

Investors:

Kendra Adams, 617-844-6407 Senior Director, Investor & Public Relations Kendra.Adams@agios.com

Renee Leck, 617-649-8299 Senior Manager, Investor & Public Relations Renee.Leck@agios.com

Media:

Holly Manning, 617-844-6630 Associate Director, Corporate Communications Holly.Manning@agios.com