# 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): October 21, 2016

# PIERIS PHARMACEUTICALS, INC.

(Exact Name of Registrant as Specified in its Charter)

Nevada (State of Incorporation)

001-37471 (Commission File Number) EIN 30-0784346 (IRS Employer Identification No.)

255 State Street, 9th Floor Boston, MA 02109 United States (Address of principal executive offices, including zip code)

Registrant's telephone number, including area code: 857-246-8998

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))	

### Item 7.01 Regulation FD Disclosure.

On October 21, 2016, Pieris Pharmaceuticals, Inc. presented a poster titled "Costimulatory T-cell engagement by PRS-343, a CD137 (4-1BB)/HER2 bispecific, leads to tumor growth inhibition and CD8(+) T-cell expansion in humanized mouse model" at an American Association for Cancer Research conference in Boston, Massachusetts. The poster is furnished as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated by reference herein.

Attached hereto as Exhibit 99.2 and incorporated by reference herein is press release regarding presentations at research and development conferences.

The information set forth under this "Item 7.01. Regulation FD Disclosure," including the exhibits attached hereto, shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor shall it be deemed incorporated by reference into any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing.

### Item 9.01 Financial Statements and Exhibits

(d) Exhibits.

99.1 Industry Conference Presentation of Pieris Pharmaceuticals, Inc., dated October 2016.

99.2 Press Release dated October 20, 2016.

### **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.

Dated: October 24, 2016

### PIERIS PHARMACEUTICALS, INC.

By: /s/ Darlene Deptula-Hicks
Name: Darlene Deptula-Hicks
Title: Chief Financial Officer

### EXHIBIT INDEX

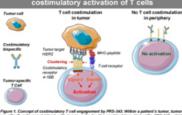
No.	Description
99.1	Industry Conference Presentation of Pieris Pharmaceuticals, Inc., dated October 2016.
99.2	Press Release dated October 20, 2016.



### Costimulatory T-cell engagement by PRS-343, a CD137 (4-1BB)/HER2 bispecific, leads to tumor growth inhibition and CD8(+) T cell expansion in humanized mouse model

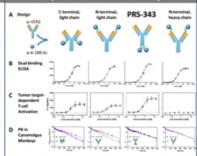
Marlon J. Hinner<sup>1</sup>, Rachida-Siham Bel Alba<sup>1</sup>, Corinna Schlosser<sup>1</sup>, Thomas Jaquin<sup>1</sup>, Andrea Allersdorfer<sup>1</sup>, Sven Berger<sup>1</sup> Alexander Wiedenmann<sup>1</sup>, Gabriele Matschiner<sup>1</sup>, Julia Schüler<sup>2</sup>, Ulrich Moebius<sup>1</sup>, Christine Rothe<sup>1</sup>, Shane A. Olwill<sup>1</sup> naceuticals, Inc., 255 State Street, Boston, Massachusetts; <sup>2</sup>Oncotest GmbH, Am Flughafen 12, Freiburg, Ger

ackground. 4-188 (CD137) is a potent costimulatory immunoreceptor as omising target for immunosimulatory cancer therapy. Conventional 4-18 redoces, however, softer from a six of humor-selective activity, which expected toxicity and reduce the available therapeutic window. To exemplify the contested as 4-188-bead activation of 7 coils that a both rivers and sunor locations, we have generated PRSS-34, a 4-188-bEQT PSS-34 was made by persets based on of a 4-188-beading Ancalant's PSS-34 was made by persets based on of a 4-188-beading Ancalant's part of the persent of the persent



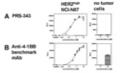


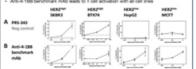


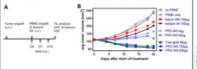


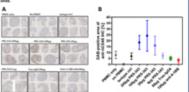


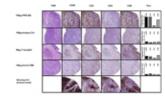




















### Summary

- PRS-343 is a 4-18B/HER2 bispecific based on the genetic fus a high-affinity 4-18B-binding Anticalin and modified trastuzuma

- PRS-343 displays a differentiated profile when comparenchmark 4-18B-targeting antibody

  Reporter assay: PRS-343 leads to 4-18B activation in policity of MERZ-positive tumor cells, but not in their absence

  It is vivo: PRS-343 induces strong T cell activation via target-despendent costimulatory. T cell engagement

  In vivo: PRS-343 displays dual activity based on more MERZ-targeting and bispecific, tumor-localized costimula 4-18B, leading to increased density of CDI+ cells in the faris vivo: PRS-343 avoids the systemic peripheral activ
  CDI\* T cells observed with benchmark 4-18B antibody supports a better safety profile



### PRESS RELEASE

## PIERIS ANNOUNCES PRESENTATIONS AT UPCOMING R&D CONFERENCES

**BOSTON, MA, October 20, 2016 – Pieris Pharmaceuticals, Inc.** (NASDAQ:<u>PIRS</u>), a clinical-stage biotechnology company advancing novel biotherapeutics through its proprietary Anticalin<sup>®</sup> technology platform for cancer and other diseases, announced today presentations at two upcoming R&D conferences focused on immuno-oncology.

The details for each presentation are as follows:

<u>American Association of Cancer Research (AACR) Special Conference on Tumor Immunology and Immunotherapy</u>, Boston Marriott Copley Plaza, Boston, MA, October 20 – 23, 2016

Presentation Time: Friday, October 21, 2016, 5:15 pm-7:45 pm, Back Bay room

*Presentation*: A poster presentation entitled, "Costimulatory T-cell engagement by PRS-343, a CD137 (4-1BB)/HER2 bispecific, leads to tumor growth inhibition and CD8(+) T cell expansion in a humanized mouse model".

Society of Immunotherapy of Cancer (SITC), Gaylord National Hotel & Convention Center, National Harbor, Maryland, November 9 – 13, 2016

*Oral Presentation:* An oral presentation entitled "PRS-343, a CD137 (4-1BB)/HER2 Bispecific" will be given on Wednesday, November 9, 2016, 11:50 am

*Poster Presentation*: New Cancer Immunotherapy - A poster presentation will be presented on Saturday, November 12, 2016, 11:45 am – 1:00 pm and 6:45 pm – 8:00 pm

### **About Pieris**

Pieris Pharmaceuticals is a clinical-stage biotechnology company that discovers and develops Anticalin® protein-based drugs to target validated disease pathways in a unique and transformative way. Our pipeline includes immuno-oncology multi-specifics tailored for the tumor micro-environment, an inhaled Anticalin protein to treat uncontrolled asthma and a half-life-optimized Anticalin protein to treat anemia. Proprietary to Pieris, Anticalin proteins are a novel class of protein therapeutics validated in the clinic and by partnerships with leading pharmaceutical companies. Anticalin® is a registered trademark of Pieris. For more information visit www.pieris.com.

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