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): September 17, 2019

Zafgen, Inc.

(Exact name of registrant as specified in its charter)

001-36510

(Commission File Number)

DELAWARE (State or other jurisdiction of incorporation)

> 3 Center Plaza, Suite 610 Boston, Massachusetts (Address of principal executive offices)

20-3857670 (I.R.S. Employer Identification No.)

02108 (Zip Code)

Registrant's telephone number, including area code (617) 622-4003

Not Applicable (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	ZFGN	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 imes

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 3.01. Notice of Delisting or Failure to Satisfy a Continued Listing Rule or Standard; Transfer of Listing.

On September 17, 2019, Zafgen, Inc. (the "Company") received a letter (the "Notice") from The Nasdaq Stock Market ("Nasdaq") advising the Company that for 30 consecutive trading days preceding the date of the Notice, the bid price of the Company's common stock had closed below the \$1.00 per share minimum required for continued listing on the Nasdaq Global Market pursuant to Nasdaq Listing Rule 5550(a)(1) (the "Minimum Bid Price Requirement"). The Notice has no effect on the listing of the Company's common stock at this time, and the Company's common stock continues to trade on the Nasdaq Global Market under the symbol "ZFGN."

Under Nasdaq Listing Rule 5810(c)(3)(A), if during the 180 calendar day period following the date of the Notice, which for the Company is until March 16, 2020 (the "Compliance Period"), the closing bid price of the Company's common stock is at or above \$1.00 for a minimum of 10 consecutive business days, the Company will regain compliance with the Minimum Bid Price Requirement and its common stock will continue to be eligible for listing on the Nasdaq Global Market, absent noncompliance with any other requirement for continued listing.

If the Company does not regain compliance with the Minimum Bid Price Requirement by the end of the Compliance Period, then under Nasdaq Listing Rule 5810(c)(3)(A)(i) the Company may transfer to The Nasdaq Capital Market, provided that it meets the applicable market value of publicly held shares requirement for continued listing as well as all other standards for initial listing of its common stock on the Nasdaq Capital Market (other than the Minimum Bid Price Requirement) and notifies Nasdaq of its intention to cure the deficiency during a second compliance period (by effecting a reverse stock split if necessary). Following a transfer to The Nasdaq Capital Market, under Nasdaq Listing Rule 5810(c)(3)(A)(ii), the Company may be afforded an additional 180-days to regain compliance with the Minimum Bid Price Requirement.

If the Company does not regain compliance with the Minimum Bid Price Requirement by the end of the Compliance Period (or the Compliance Period as may be extended) the Company's common stock will be subject to delisting.

The Company intends to monitor the closing bid price of its common stock and may, if appropriate, consider implementing available options to regain compliance with the Minimum Bid Price Requirement under the Nasdaq Listing Rules.

* * *

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.

ZAFGEN, INC.

By: /s/ Jeffrey S. Hatfield

Jeffrey S. Hatfield Chief Executive Officer

Date: September 19, 2019