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): February 28, 2019

Gemphire Therapeutics Inc.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

001-37809

(Commission File Number)

47-2389984

(IRS Employer Identification No.)

17199 N. Laurel Park Drive, Suite 401, Livonia, MI 48152

(Address of principal executive offices) (Zip Code)

(734) 245-1700

(Registrant's telephone number, including area code)

Not Applicable

(Former name or former address, if changed since last report)

 □ 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)) 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 	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:
□ 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)) 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	☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
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period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the	Emerging growth company ⊠
Exchange Act. 🗵	

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On February 28, 2019, P. Kent Hawryluk resigned from the Board of Directors (the "Board") of Gemphire Therapeutics Inc. (the "Company"), effective as of February 28, 2019. Mr. Hawryluk's resignation was not due to any disagreement on any matter relating to the Company's operations, policies, or practices.

After the resignation, the Board reduced the size of the Board from six to five members to reflect Mr. Hawryluk's departure.

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.

Dated: March 5, 2019 GEMPHIRE THERAPEUTICS INC.

By: /s/ Dr. Steven Gullans

Name: Dr. Steven Gullans

Title: President and Chief Executive Officer