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 20, 2014

XENCOR, INC.

(Exact name of registrant as specified in its charter)

Delaware (State of incorporation)

001-36182 (Commission File No.)

20-1622502 (IRS Employer Identification No.)

111 West Lemon Avenue Monrovia, California 91016

(Address of principal executive offices and zip code)

Registrant's telephone number, including area code: (626) 305-5900

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):

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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

(b) On March 20, 2014, Harold R. Werner notified Xencor, Inc. (the "Company") of his resignation from the Board of Directors of the Company, (the "Board") effective immediately. To fill the vacancies created by Mr. Werner's resignation, the Board appointed (i) Dr. Bruce L.A. Carter, one of its existing directors, as a member of the Audit Committee of the Board and as chairman of the Compensation Committee of the Board and (ii) Robert F. Baltera, Jr., one of its existing directors, as a member of the Nominating and Corporate Governance Committee of the Board.

2

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 26, 2014 XENCOR, INC.

By:

/s/ Bassil I. Dahiyat, Ph.D. Bassil I. Dahiyat, Ph.D. President and Chief Executive Officer