

TRANSGENOMIC INC  
Form 8-K  
April 22, 2010

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):  
April 19, 2010

TRANSGENOMIC, INC.  
(Exact name of registrant as specified in its  
charter)

Delaware  
(State of Incorporation)

000-30975  
(Commission File Number)

911789357  
(IRS Employer Identification  
Number)

12325 Emmet Street, Omaha, Nebraska  
(Address of principal executive offices)

68164  
(Zip Code)

(402) 452-5400  
(Registrant's telephone number, including area  
code)

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))

Item 5.02(e) Compensatory Arrangement of Certain Officer.

On April 19, 2010, the registrant entered into a Separation Agreement with Dr. Eric Kaldjian, former Chief Scientific Officer of the registrant. Pursuant to the Separation Agreement, Dr. Kaldjian's employment with the registrant ended as of April 9, 2010, however the registrant shall continue to pay Dr. Kaldjian's base salary through December 31, 2010. The Separation Agreement also contains customary confidentiality, non-competition, non-solicitation and release of claims provisions.

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: April 22, 2010

TRANSGENOMIC, INC.

By: /s/ Debra A. Schneider  
Debra A. Schneider  
Chief Financial Officer