UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-A

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES PURSUANT TO SECTION 12(b) OR (g) OF THE SECURITIES EXCHANGE ACT OF 1934

MACROGENICS, INC.

(Exact name of registrant as specified in its charter)

Delaware (State of incorporation or organization) 06-1591613 (I.R.S. Employer Identification No.)

9640 Medical Center Drive, Rockville, MD (Address of principal executive offices) 20850 (Zip Code)

Securities to be registered pursuant to Section 12(b) of the Act:

Title of each class to be so registered Common Stock, \$0.01 par value per share Name of each exchange on which ______each class is to be registered The NASDAQ Stock Market LLC

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A. (c), check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A. (d), check the following box.

Securities Act registration statement file number to which this form relates: 333-190994

Securities to be registered pursuant to Section 12(g) of the Act:

None.

INFORMATION REQUIRED IN REGISTRATION STATEMENT

Item 1. Description of Registrant's Securities to be Registered.

The description under the heading "Description of Capital Stock" relating to the Registrant's Common Stock, \$0.01 par value per share, in the prospectus included in the Registrant's Registration Statement on Form S-1 (File No. 333-190994), as amended (the "Registration Statement"), filed under the Securities Act of 1933, as amended (the "Securities Act"), with the Securities and Exchange Commission (the "Commission") is incorporated herein by reference. Any form of prospectus subsequently filed by the Registrant with the Commission pursuant to Rule 424(b) under the Securities Act that constitutes part of the Registration Statement shall be deemed to be incorporated herein by reference.

Item 2. Exhibits.

None.

Signature

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

Date: October 7, 2013

MACROGENICS, INC.

By: /s/ Scott Koenig

Scott Koenig, M.D., Ph.D. President and Chief Executive Officer