

IMARX THERAPEUTICS INC

Form 8-A12B

July 11, 2007

**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  
ImaRx Therapeutics, Inc.  
(Exact name of registrant as specified in its charter)**

**Delaware**

**86-0974730**

(State of incorporation or organization)

(I.R.S. Employer  
Identification No.)

**1635 East 18th Street, Tucson, AZ**

**85719**

(Address of principal executive offices)

(Zip Code)

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

Title of each class  
to be so registered

Name of each exchange on which  
each class is to be registered

**Common Stock, par value \$0.0001 per share**

**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), please 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), please check the following box.

Securities Act registration statement file number to which the form relates: **333-142646**

Securities to be registered pursuant to Section 12(g) of the Act: None.

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**INFORMATION REQUIRED IN REGISTRATION STATEMENT**

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

A description of the securities to be registered hereunder is contained in the section entitled "Description of Capital Stock," included in the Registrant's Form S-1 Registration Statement, as amended (File No. 333-142646), filed under the Securities Act of 1933, as amended, with the Securities Exchange Commission. Such portion of the Registration Statement is incorporated herein by reference.

**Item 2. Exhibits.**

Not applicable.

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**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.

IMARX THERAPEUTICS, INC.

Date: July 11, 2007

By: /s/ Bradford A. Zakes  
Bradford A. Zakes  
President and Chief Executive Officer