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The reader should not assume that the information is accurate and complete.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM D

OMB APPROVAL	
OMB Number:	3235-0076
Estimated average burden hours per response:	4.00

Notice of Exempt Offering of Securities

1. Issuer's Identity

CIK (Filer ID Number) [0001427925](#)
Name of Issuer [ACELRX PHARMACEUTICALS INC](#)
Jurisdiction of Incorporation/Organization [DELAWARE](#)
Year of Incorporation/Organization
 Over Five Years Ago
 Within Last Five Years (Specify Year)
 Yet to Be Formed

Previous Names None
[Surx, Inc.](#)

Entity Type
 Corporation
 Limited Partnership
 Limited Liability Company
 General Partnership
 Business Trust
 Other (Specify)

2. Principal Place of Business and Contact Information

Name of Issuer [ACELRX PHARMACEUTICALS INC](#)
Street Address 1 [351 GALVESTON DRIVE](#)
Street Address 2
City [REDWOOD CITY](#) State/Province/Country [CALIFORNIA](#) ZIP/PostalCode [94063](#) Phone Number of Issuer [650-216-3500](#)

3. Related Persons

Last Name [King](#) First Name [Richard](#) Middle Name
Street Address 1 [c/o AcelRx Pharmaceuticals, Inc.](#) Street Address 2 [351 Galveston Drive](#)
City [Redwood City](#) State/Province/Country [CALIFORNIA](#) ZIP/PostalCode [94063](#)
Relationship: Executive Officer Director Promoter

Clarification of Response (if Necessary):

Last Name [Palmer](#) First Name [Pamela](#) Middle Name
Street Address 1 [c/o AcelRx Pharmaceuticals, Inc.](#) Street Address 2 [351 Galveston Drive](#)
City [Redwood City](#) State/Province/Country [CALIFORNIA](#) ZIP/PostalCode [94063](#)
Relationship: Executive Officer Director Promoter

Clarification of Response (if Necessary):

Last Name [Welch](#) First Name [James](#) Middle Name
Street Address 1 [c/o AcelRx Pharmaceuticals, Inc.](#) Street Address 2 [351 Galveston Drive](#)

City State/Province/Country ZIP/PostalCode
Redwood City CALIFORNIA 94063

Relationship: Executive Officer Director Promoter

Clarification of Response (if Necessary):

Last Name First Name Middle Name
Hamel Larry
Street Address 1 Street Address 2
c/o AcelRx Pharmaceuticals, Inc. 351 Galveston Drive
City State/Province/Country ZIP/PostalCode
Redwood City CALIFORNIA 94063

Relationship: Executive Officer Director Promoter

Clarification of Response (if Necessary):

Last Name First Name Middle Name
Dasu Anil
Street Address 1 Street Address 2
c/o AcelRx Pharmaceuticals, Inc. 351 Galveston Drive
City State/Province/Country ZIP/PostalCode
Redwood City CALIFORNIA 94063

Relationship: Executive Officer Director Promoter

Clarification of Response (if Necessary):

Last Name First Name Middle Name
Rosen Howie
Street Address 1 Street Address 2
c/o AcelRx Pharmaceuticals, Inc. 351 Galveston Drive
City State/Province/Country ZIP/PostalCode
Redwood City CALIFORNIA 94063

Relationship: Executive Officer Director Promoter

Clarification of Response (if Necessary):

Last Name First Name Middle Name
Nohra Guy
Street Address 1 Street Address 2
c/o Alta Partners One Embarcadero Center, 37th Floor
City State/Province/Country ZIP/PostalCode
San Francisco CALIFORNIA 94111

Relationship: Executive Officer Director Promoter

Clarification of Response (if Necessary):

Last Name First Name Middle Name
Hoffman Stephen
Street Address 1 Street Address 2
c/o Skyline Venture Partners 525 University Avenue, #520
City State/Province/Country ZIP/PostalCode
Palo Alto CALIFORNIA 94301

Relationship: Executive Officer Director Promoter

Clarification of Response (if Necessary):

Last Name First Name Middle Name
Wan Mark
Street Address 1 Street Address 2

c/o Three Arch Partners 3200 Alpine Road
City State/Province/Country ZIP/PostalCode
Portola Valley CALIFORNIA 94028
Relationship: Executive Officer Director Promoter

Clarification of Response (if Necessary):

Last Name First Name Middle Name
Schreck Thomas
Street Address 1 Street Address 2
c/o AcelRx Pharmaceuticals, Inc. 351 Galveston Drive
City State/Province/Country ZIP/PostalCode
Redwood City CALIFORNIA 94063
Relationship: Executive Officer Director Promoter

Clarification of Response (if Necessary):

Last Name First Name Middle Name
Edwards Mark
Street Address 1 Street Address 2
c/o AcelRx Pharmaceuticals, Inc. 351 Galveston Drive
City State/Province/Country ZIP/PostalCode
Redwood City CALIFORNIA 94063
Relationship: Executive Officer Director Promoter

Clarification of Response (if Necessary):

4. Industry Group

- | | | |
|--|---|--|
| <input type="checkbox"/> Agriculture | Health Care | <input type="checkbox"/> Retailing |
| <input type="checkbox"/> Banking & Financial Services | <input type="checkbox"/> Biotechnology | <input type="checkbox"/> Restaurants |
| <input type="checkbox"/> Commercial Banking | <input type="checkbox"/> Health Insurance | Technology |
| <input type="checkbox"/> Insurance | <input type="checkbox"/> Hospitals & Physicians | <input type="checkbox"/> Computers |
| <input type="checkbox"/> Investing | <input checked="" type="checkbox"/> Pharmaceuticals | <input type="checkbox"/> Telecommunications |
| <input type="checkbox"/> Investment Banking | <input type="checkbox"/> Other Health Care | <input type="checkbox"/> Other Technology |
| <input type="checkbox"/> Pooled Investment Fund | <input type="checkbox"/> Manufacturing | Travel |
| Is the issuer registered as
an investment company under
the Investment Company
Act of 1940? | Real Estate | <input type="checkbox"/> Airlines & Airports |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Commercial | <input type="checkbox"/> Lodging & Conventions |
| <input type="checkbox"/> Other Banking & Financial Services | <input type="checkbox"/> Construction | <input type="checkbox"/> Tourism & Travel Services |
| <input type="checkbox"/> Business Services | <input type="checkbox"/> REITS & Finance | <input type="checkbox"/> Other Travel |
| Energy | <input type="checkbox"/> Residential | <input type="checkbox"/> Other |
| <input type="checkbox"/> Coal Mining | <input type="checkbox"/> Other Real Estate | |
| <input type="checkbox"/> Electric Utilities | | |
| <input type="checkbox"/> Energy Conservation | | |
| <input type="checkbox"/> Environmental Services | | |
| <input type="checkbox"/> Oil & Gas | | |
| <input type="checkbox"/> Other Energy | | |

5. Issuer Size

Revenue Range OR Aggregate Net Asset Value Range

- | | |
|---|---|
| <input type="checkbox"/> No Revenues | <input type="checkbox"/> No Aggregate Net Asset Value |
| <input type="checkbox"/> \$1 - \$1,000,000 | <input type="checkbox"/> \$1 - \$5,000,000 |
| <input type="checkbox"/> \$1,000,001 - \$5,000,000 | <input type="checkbox"/> \$5,000,001 - \$25,000,000 |
| <input type="checkbox"/> \$5,000,001 - \$25,000,000 | <input type="checkbox"/> \$25,000,001 - \$50,000,000 |
| <input type="checkbox"/> \$25,000,001 - \$100,000,000 | <input type="checkbox"/> \$50,000,001 - \$100,000,000 |
| <input type="checkbox"/> Over \$100,000,000 | <input type="checkbox"/> Over \$100,000,000 |
| <input checked="" type="checkbox"/> Decline to Disclose | <input type="checkbox"/> Decline to Disclose |
| <input type="checkbox"/> Not Applicable | <input type="checkbox"/> Not Applicable |

6. Federal Exemption(s) and Exclusion(s) Claimed (select all that apply)

- | | |
|--|--|
| <input type="checkbox"/> Rule 504(b)(1) (not (i), (ii) or (iii)) | <input type="checkbox"/> Rule 505 |
| <input type="checkbox"/> Rule 504 (b)(1)(i) | <input checked="" type="checkbox"/> Rule 506 |
| <input type="checkbox"/> Rule 504 (b)(1)(ii) | <input type="checkbox"/> Securities Act Section 4(6) |
| <input type="checkbox"/> Rule 504 (b)(1)(iii) | <input type="checkbox"/> Investment Company Act Section 3(c) |
| | <input type="checkbox"/> Section 3(c)(1) <input type="checkbox"/> Section 3(c)(9) |
| | <input type="checkbox"/> Section 3(c)(2) <input type="checkbox"/> Section 3(c)(10) |
| | <input type="checkbox"/> Section 3(c)(3) <input type="checkbox"/> Section 3(c)(11) |
| | <input type="checkbox"/> Section 3(c)(4) <input type="checkbox"/> Section 3(c)(12) |
| | <input type="checkbox"/> Section 3(c)(5) <input type="checkbox"/> Section 3(c)(13) |
| | <input type="checkbox"/> Section 3(c)(6) <input type="checkbox"/> Section 3(c)(14) |
| | <input type="checkbox"/> Section 3(c)(7) |

7. Type of Filing

- New Notice Date of First Sale **2012-06-01** First Sale Yet to Occur
 Amendment

8. Duration of Offering

Does the Issuer intend this offering to last more than one year? Yes No

9. Type(s) of Securities Offered (select all that apply)

- | | |
|---|---|
| <input checked="" type="checkbox"/> Equity | <input type="checkbox"/> Pooled Investment Fund Interests |
| <input type="checkbox"/> Debt | <input type="checkbox"/> Tenant-in-Common Securities |
| <input checked="" type="checkbox"/> Option, Warrant or Other Right to Acquire Another Security | <input type="checkbox"/> Mineral Property Securities |
| <input checked="" type="checkbox"/> Security to be Acquired Upon Exercise of Option, Warrant or Other Right to Acquire Security | <input type="checkbox"/> Other (describe) |

10. Business Combination Transaction

Is this offering being made in connection with a business combination transaction, such as a merger, acquisition or exchange offer? Yes No

Clarification of Response (if Necessary):

11. Minimum Investment

Minimum investment accepted from any outside investor \$0 USD

12. Sales Compensation

Recipient Recipient CRD Number None
(Associated) Broker or Dealer None (Associated) Broker or Dealer CRD Number None
Street Address 1 Street Address 2
City State/Province/Country ZIP/Postal Code
State(s) of Solicitation (select all that apply) All States Foreign/non-US
Check "All States" or check individual States

13. Offering and Sales Amounts

Total Offering Amount \$10,000,002 USD or Indefinite
Total Amount Sold \$10,000,002 USD
Total Remaining to be Sold \$0 USD or Indefinite

Clarification of Response (if Necessary):

[Common Stock; Warrants to purchase Common Stock; Common Stock issuable upon exercise of Warrants](#)

14. Investors

Select if securities in the offering have been or may be sold to persons who do not qualify as accredited investors, and enter the number of such non-accredited investors who already have invested in the offering.

Regardless of whether securities in the offering have been or may be sold to persons who do not qualify as accredited investors, enter the total number of investors who already have invested in the offering:

10

15. Sales Commissions & Finder's Fees Expenses

Provide separately the amounts of sales commissions and finders fees expenses, if any. If the amount of an expenditure is not known, provide an estimate and check the box next to the amount.

Sales Commissions \$0 USD Estimate

Finders' Fees \$625,000 USD Estimate

Clarification of Response (if Necessary):

16. Use of Proceeds

Provide the amount of the gross proceeds of the offering that has been or is proposed to be used for payments to any of the persons required to be named as executive officers, directors or promoters in response to Item 3 above. If the amount is unknown, provide an estimate and check the box next to the amount.

\$0 USD Estimate

Clarification of Response (if Necessary):

[The proceeds will be used for general corporate purposes.](#)

Signature and Submission

Please verify the information you have entered and review the Terms of Submission below before signing and clicking SUBMIT below to file this notice.

Terms of Submission

In submitting this notice, each issuer named above is:

- Notifying the SEC and/or each State in which this notice is filed of the offering of securities described and undertaking to furnish them, upon written request, in the accordance with applicable law, the information furnished to offerees.*
- Irrevocably appointing each of the Secretary of the SEC and, the Securities Administrator or other legally designated officer of the State in which the issuer maintains its principal place of business and any State in which this notice is filed, as its agents for service of process, and agreeing that these persons may accept service on its behalf, of any notice, process or pleading, and further agreeing that such service may be made by registered or certified mail, in any Federal or state action, administrative proceeding, or arbitration brought against it in any place subject to the jurisdiction of the United States, if the action, proceeding or arbitration (a) arises out of any activity in connection with the offering of securities that is the subject of this notice, and (b) is founded, directly or indirectly, upon the provisions of: (i) the Securities Act of 1933, the Securities Exchange Act of 1934, the Trust Indenture Act of 1939, the Investment Company Act of 1940, or the Investment Advisers Act of 1940, or any rule or regulation under any of these statutes, or (ii) the laws of the State in which the issuer maintains its principal place of business or any State in which this notice is filed.
- Certifying that, if the issuer is claiming a Rule 505 exemption, the issuer is not disqualified from relying on Rule 505 for one of the reasons stated in Rule 505(b)(2)(iii).

Each Issuer identified above has read this notice, knows the contents to be true, and has duly caused this notice to be signed on its behalf by the undersigned duly authorized person.

For signature, type in the signer's name or other letters or characters adopted or authorized as the signer's signature.

Issuer	Signature	Name of Signer	Title	Date
ACELRX PHARMACEUTICALS INC	/s/ Mark B. Weeks	Mark B. Weeks	Secretary	2012-06-07

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

* This undertaking does not affect any limits Section 102(a) of the National Securities Markets Improvement Act of 1996 ("NSMIA") [Pub. L. No. 104-290, 110 Stat. 3416 (Oct. 11, 1996)] imposes on the ability of States to require information. As a result, if the securities that are the subject of this Form D are "covered securities" for purposes of NSMIA, whether in all instances or due to the nature of the offering that is the subject of this Form D, States cannot routinely require offering materials under this undertaking or otherwise and can require offering materials only to the extent NSMIA permits them to do so under NSMIA's preservation of their anti-fraud authority.