

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
OMB Number:	3235-0104
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Sofinnova Venture Partners VIII, L.P.</u> <hr/> (Last) (First) (Middle) SOFINNOVA VENTURES, 3000 SAND HILL ROAD, 4-250 <hr/> (Street) MENLO PARK CA 94025 <hr/> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 10/06/2015	3. Issuer Name and Ticker or Trading Symbol <u>Aclaris Therapeutics, Inc. [ ACRS ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year)  6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
Series A Preferred Stock	(1)	(1)	Common Stock	579,710	(1)	D <sup>(2)</sup>
Series B Preferred Stock	(3)	(3)	Common Stock	702,678	(3)	D <sup>(2)</sup>
Series C Preferred Stock	(4)	(4)	Common Stock	598,002	(4)	D <sup>(2)</sup>

1. Name and Address of Reporting Person\*  
Sofinnova Venture Partners VIII, L.P.  


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 (Last) (First) (Middle)  
 SOFINNOVA VENTURES, 3000  
 SAND HILL ROAD, 4-250  


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 (Street)  
 MENLO PARK CA 94025  


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 (City) (State) (Zip)

1. Name and Address of Reporting Person\*  
Sofinnova Management VIII, L.L.C.  


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 (Last) (First) (Middle)  
 SOFINNOVA VENTURES, 3000  
 SAND HILL ROAD, 4-250  


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 (Street)  
 MENLO PARK CA 94025  


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 (City) (State) (Zip)

1. Name and Address of Reporting Person\*  
HEALY JAMES  


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 (Last) (First) (Middle)

SOFINNOVA VENTURES, 3000  
SAND HILL ROAD, 4-250

(Street)  
MENLO PARK CA 94025  
(City) (State) (Zip)

1. Name and Address of Reporting Person\*

AKKARAJU SRINIVAS

(Last) (First) (Middle)  
SOFINNOVA VENTURES, 3000  
SAND HILL ROAD, 4-250

(Street)  
MENLO PARK CA 94025  
(City) (State) (Zip)

1. Name and Address of Reporting Person\*

POWELL MICHAEL

(Last) (First) (Middle)  
SOFINNOVA VENTURES, 3000  
SAND HILL ROAD, 4-250

(Street)  
MENLO PARK CA 94025  
(City) (State) (Zip)

**Explanation of Responses:**

1. Each share of the Series A Preferred Stock is convertible, at any time, at the holder's election, into 0.289855 shares of the Issuer's common stock. In addition, effective immediately prior to the closing of the Issuer's initial public offering of its common stock, each share of Series A Preferred Stock will automatically convert into 0.289855 shares of the Issuer's common stock. The Series A Preferred Stock has no expiration date.
2. The shares are held of record by Sofinnova Venture Partners VIII, L.P. ("SVP VIII"). Sofinnova Management VIII, L.L.C. ("SM VIII") is the general partner of SVP VIII. The individual managing members of SVP VIII are Michael Powell, James Healy, Srinivas Akkaraju and Anand Mehra, and they may be deemed to share voting and dispositive power over the shares held by SVP VIII. Such persons and entities disclaim beneficial ownership over the shares held by SVP VIII except to the extent of any pecuniary interest therein.
3. Each share of the Series B Preferred Stock is convertible, at any time, at the holder's election, into 0.289855 shares of the Issuer's common stock. In addition, effective immediately prior to the closing of the Issuer's initial public offering of its common stock, each share of Series B Preferred Stock will automatically convert into 0.289855 shares of the Issuer's common stock. The Series B Preferred Stock has no expiration date.
4. Each share of the Series C Preferred Stock is convertible, at any time, at the holder's election, into 0.289855 shares of the Issuer's common stock. In addition, effective immediately prior to the closing of the Issuer's initial public offering of its common stock, each share of Series C Preferred Stock will automatically convert into 0.289855 shares of the Issuer's common stock. The Series C Preferred Stock has no expiration date.

**Remarks:**

/s/ Nathalie Auber, Attorney-  
in-Fact for Sofinnova Venture 10/06/2015  
Partners VIII, L.P.  
/s/ Nathalie Auber, Attorney-  
in-Fact for Sofinnova 10/06/2015  
Management VIII, L.L.C.  
/s/ Nathalie Auber, Attorney-  
in-Fact for James Healy. 10/06/2015  
/s/ Nathalie Auber, Attorney-  
in-Fact for Srinivas Akkaraju 10/06/2015  
/s/ Nathalie Auber, Attorney-  
in-Fact for Michael Powell 10/06/2015

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

**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.**