

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person* Cerecor Inc.  (Last) (First) (Middle) 540 GAITHER ROAD, SUITE 400  (Street) ROCKVILLE, MD 20850  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 01/24/2020	3. Issuer Name and Ticker or Trading Symbol AYTU BIOSCIENCE, INC [AYTU]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	
		5. If Amendment, Date Original Filed (Month/Day/Year)	
6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input 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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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**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 control number.**

**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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Convertible Preferred Stock	07/01/2020	(I)	Common Stock	9,805,845	\$ (I)	D	

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Cerecor Inc. 540 GAITHER ROAD SUITE 400 ROCKVILLE, MD 20850		X		

**Signatures**

Cerecor Inc., By: Joseph M. Miller, Chief Financial Officer, /s/ Joseph M. Miller, Chief Financial Officer	01/30/2020
<small>**Signature of Reporting Person</small>	<small>Date</small>

**Explanation of Responses:**

\* 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).

Shares of the Issuer's convertible preferred stock are convertible into shares of the Issuer's common stock upon the expiration of the Reporting Person's Lock-Up Agreement (1) with the Issuer, on a one-for-one basis at the option of the Reporting Person upon distribution to the Reporting Person's stockholders or upon a sale. The convertible preferred stock has no expiration date.

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

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